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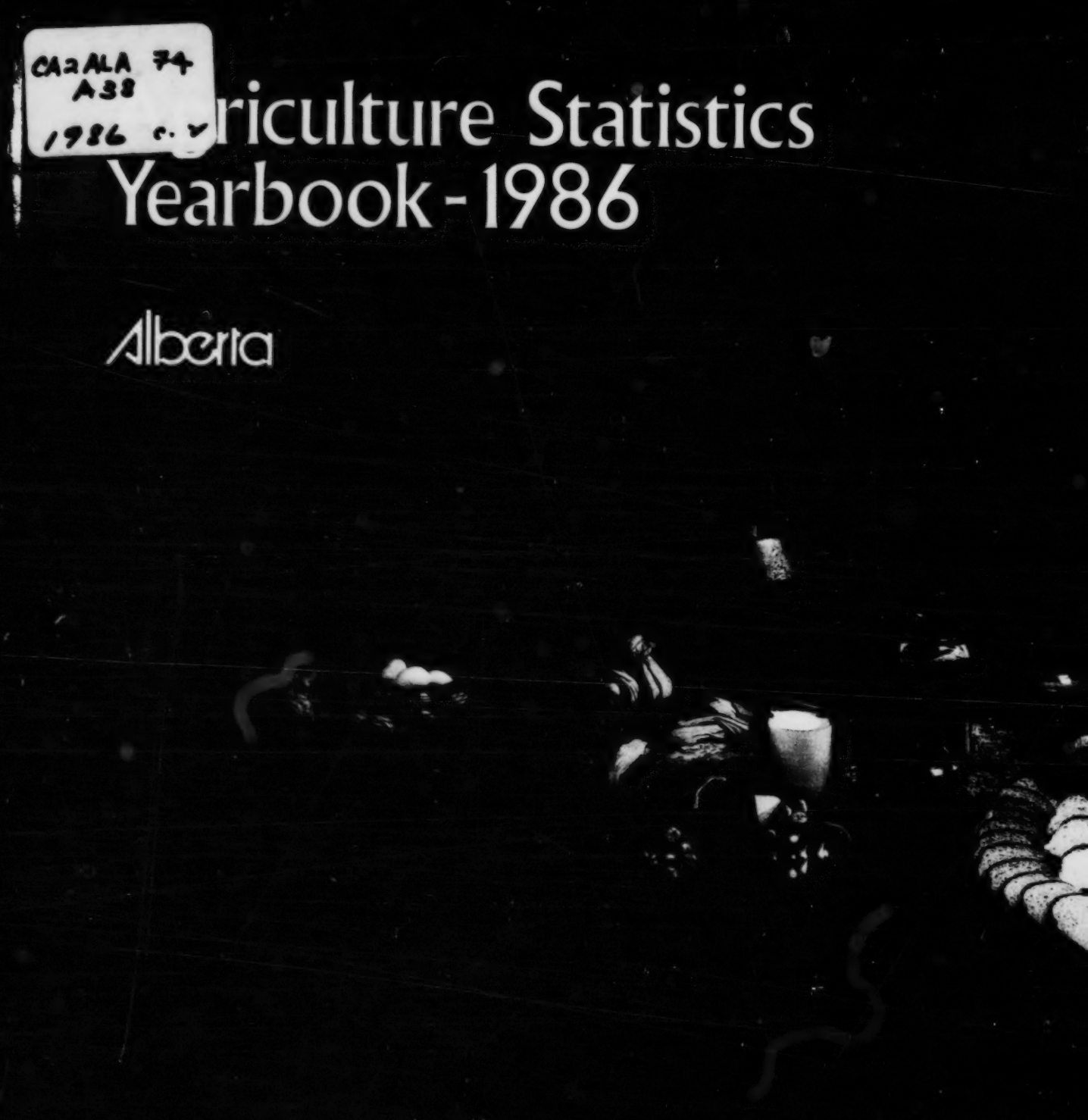
riculture Statistics Yearbook - 1986

Alberta



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Dedication:

We dedicate this our 25th Annual Agricultural Statistics Yearbook in memory of Mrs. Lucille Serediak who until her untimely death in 1987 was the principal person responsible for preparing annual yearbooks over the past 24 years. It was directly through her example of outstanding workmanship with insistence on quality and accuracy that the high regard availed to Statistics Branch staff was achieved and continues to be maintained.

Statistics Branch Staff - past and present

Copies of this publication may be obtained from:

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Alberta Agriculture
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Price: Canada $15.00

PREFACE

The Agriculture Statistics Yearbook for Alberta provides 1986 statistics where available, with the most current statistics otherwise, thereby serving as a reference to those interested in agriculture in Alberta. Although several graphs and short tables date back a few years, long term data and tables for years prior to 1985 may be obtained from the Statistics Branch. In addition, we remind users that the data in this publication is subject to revision.

The Statistics Branch publishes and revises much of the data in this publication throughout the year. This data is released on statistics fact sheets and this format may be more appropriate for those individuals wishing only selected pages of this publication. If this is the type of information you require please contact us at any time during the year.

Data was derived from several sources with major contributions made by the Agriculture/Natural Resources Division, Statistics Canada in cooperation with Alberta Agriculture. We also gratefully acknowledge the cooperation of Agriculture Canada and contributions of other federal and provincial departments mentioned within Sources and Methods located at the back of this publication.

Special appreciation is extended to all the agricultural producers and processors that responded to surveys or supplied other information to either Statistics Canada or Alberta Agriculture.

Evaluation of this publication and suggestions for improvements will be greatly appreciated and should be forwarded to Statistics Branch, Alberta Agriculture, Edmonton.

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1986 IN REVIEW

FARM CASH RECEIPTS Total Realized Net Income of Alberta farmers and ranchers for 1986 is estimated to have increased 33 per cent over 1985 to $721 million, the second highest level on record. Realized Net Income, which is income available after expenses to pay down principal on debt, for personal consumption, investment and savings, increased in 1986 because of lower operating expenses, a healthier livestock sector and substantial government program payments. Payments under Western Grain Stabilization (W.G.S.A.), Crop Insurance and other programs accounted for an estimated 19 per cent of Total Farm Cash Receipts in 1986. In addition, payments under the Alberta Farm Fuel Distribution Allowance, Alberta Feed Grain Market Adjustment program and other expense reduction programs reduced Total Operating Expenses by an estimated 12.6 per cent.

Total Farm Cash Receipts for 1986, estimated at $3,759 million was 2.4 per cent lower than in 1985. Lower grain receipts from marketings caused by sharply lower grain prices were largely offset by higher program payments and higher livestock receipts. Crop Receipts from marketings, which declined another $211 million in 1986 from the already reduced level of 1985, were offset to some degree by higher W.G.S. payments. Nevertheless, Total Crop Receipts were still down by 7.9 per cent from 1985. On the other hand, Total Livestock Receipts aided by program payments and higher prices increased by 3.7 per cent over 1985.

Total Operating Expenses for 1986 are estimated to have declined by $260 million, or 9.7 per cent from the 1985 level of $2,693 million. This is the lowest level of operating expenses since 1980. Expenses for property taxes, wages to farm labour, repairs to farm buildings, utilities and miscellaneous expenses increased slightly while all other expenses declined.

Wheat Alberta Wheat Receipts in 1986 declined $179 million to an estimated $520 million, down 25.6 per cent from 1985. The decline was primarily due to significantly reduced prices and grain quality. Although producers harvested a record 1986 crop, poor delivery opportunities and reduced quality grain pushed the August - December 1986 receipts below the comparable period in 1985. Calendar year 1986 wheat deliveries were 5 per cent below calendar year 1985 deliveries. Also contributing to the decline in wheat receipts were significantly lower 1986/87 initial prices. Canadian Wheat Board (C.W.B.) payments for 1 CWRS declined $30 per tonne to $130 per tonne basis Thunder Bay. Final payments for the 1984/85 crop, paid in 1986, amounted to $72.4 million, a decline of $63.8 million from the previous year.

Barley Alberta Barley Receipts are estimated to have increased 18.1 per cent from $270 million in 1985 to $319 million in 1986. The increase was primarily due to record deliveries which more than offset lower prices. Calendar year 1986 deliveries were 45 per cent above 1985 deliveries. Alberta farmers delivered 3.6 million tonnes of barley last year in response to brisk export sales and the opening of special delivery contracts by the C.W.B. The increase in barley receipts was held to 18 per cent due to depressed prices in the 1986/87 crop year. Barley prices fell as low as $63 per tonne in November and December. Final payments for the 1984/85 crop, paid in 1986, amounted to $71.8 million, down $52.2 million form the previous year.

Canola Alberta Canola Receipts are estimated to have declined 20.8 per cent to $270 million in 1986. Lower prices throughout the year were

responsible for this decline and the 11 per cent higher deliveries did not compensate for this price decline. The average producer price for canola in 1986 was estimated to be $266 per tonne, down $93 per tonne from 1985.

The price declines were a result of the U.S. Farm Bill, record palm oil production and a build up in Canadian stocks due to the large 1986 crop. Added to this was the poor quality of the 1986 crop. Only 50 per cent of Alberta's production graded #1, compared to the ten year average of 85 per cent.

Crop Insurance, W.G.S. Payments Total payout to Alberta farmers under the Hail and Crop Insurance program in 1986 was $156 million. This compares to $249 million in 1985. Under the Western Grain Stabilization Act payments to participating grain producers are triggered if net cash flow in a particular year is below the preceding five year average. A total of $522 million was paid in interim and final payments for the 1984 crop, of which Alberta producers received $138.3 million. Total payout for the 1985 crop, paid in 1986 reached a record $859 million and Alberta producers received $225 million.

Cattle and Calves Alberta cash receipts from cattle and calves in 1986 are estimated to have increased 2.9 per cent to $1,245 million. Total cattle slaughter in the province declined by 11 per cent from 1985 while exports of cattle and calves (including interprovincial exports) declined by 3.2 per cent. The main feature in the export trade of live cattle in 1986 was the decline in feeder cattle exports by more than 100,000 head from 1985 while slaughter cattle exports increased by more than 85,000 head. Alberta slaughter steer prices averaged $75.52/cwt in 1986, about the same as in 1985, while feeder steer prices averaged $87.94/cwt, about $7/cwt higher than in 1985. Ample supplies and low feed grain prices and the Alberta Feed Grain Market Adjustment Program encouraged a strong demand for feeders in the province with an appropriate price response.

Contributing to the increase in cattle receipts in 1986 were payments made under the Red Meat Stabilization and Livestock Assistance Programs. Total payments under these program reached $144 million in 1986.

Hogs Total hog receipts in 1986 are estimated to have increased 11.1 per cent to $277 million. The increase was primarily due to dramatic increases in prices over several months in 1986. Although total hog slaughter was down by 4 per cent from 1985 and total output (including exports) down by 8.5 per cent, the increase in prices more than made up for the decline in marketings.

Declining production in the second and third quarters, both in the U.S. and Canada, boosted prices from early April. Second and third quarter prices for slaughter hogs averaged $68.21/cwt and $92.44/cwt up 13.5 per cent and 42.8 per cent from 1985. A seasonal increase in slaughter volumes in the fourth quarter caused prices to trend downward to $84.78/cwt but overall, the average price for the year was $77.88/cwt, 19.3 per cent higher than in 1985.

While Canadian live hog exports declined from 1.15 million head in 1985 to half a million head in 1986, pork exports increased from 448 million pounds to 500 million pounds. Also contributing to increased receipts in 1986 were payments made under the Red Meat Stabilization program for price declines that occurred in 1985.

Dairy Milk and cream receipts increased 3.0 per cent from $236 million in 1985 to $243 million in

1986. The increase was primarily due to an increase in production. Alberta milk production rose 0.3 per cent for the dairy year ended July 1986 and sales of fluid milk in Alberta increased by 1.6 per cent in the 1985/86 dairy year.

Since January 1986, prices paid to producers declined three times in calendar year 1986. Prices went from $51.07/hl in the early part of the year to $48.13/hl by December. These price decreases reflected the decline in the feed cost component of the milk pricing formula used by the Public Utilities Board.

OPERATING EXPENSES Total Operating Expenses for 1986 went down to $2,433 million from the 1985 level of $2,693 million. Machinery expenses, which include fuel and repairs, declined 25 per cent while fertilizer and feed expenses declined 14.8 per cent and 30.8 per cent respectively. Expenses increased marginally for property taxes, wages, repairs to buildings, utilities and miscellaneous items while all other expenses declined.

Interest Payments Interest expenses in 1986 were estimated at $408 million, down 2.6 per cent from $419 million in 1985. Government programs providing for reduced interest rates, a general decline in prime rates coupled with reduced levels of borrowing were responsible for the decline in total interest payments. Chartered Bank prime business loan rates averaged 9.25 per cent in 1986 compared to 10.58 per cent in 1985. Farm debt outstanding in Alberta at the end of 1985 was estimated at $5.24 billion. Farm debt outstanding at the end of 1986 is estimated at $5.2 billion, as producers continue to pay down debt and defer new purchases.

Machinery Expenses Total Machinery Expenses including machinery repairs and fuel expenses declined $137 million to $413 million in 1986. While machinery repair expenses increased from $260 million in 1985 to $275 million in 1986, the decline in fuel costs more than offset the increase in repair costs. Fuel consumption in 1986 was up by 6.6 per cent from 1985. Gasoline and diesel fuel prices were down by 31 per cent and 36 per cent respectively. Lower fuel prices for farmers were a result of lower oil prices and the doubling of the Provincial Farm Fuel Rebate to 14¢/litre. Alberta producers also received an estimated $50 million in direct cash rebates in 1986 since the program was made retroactive to January 1985. The complete removal of all Federal taxes on farm fuel also resulted in substantial savings for those producers who applied for the rebate. Fuel expenses in 1986 fell 52 per cent from $290 million in 1985 to $138 million.

Fertilizer Expenses After four years of steadily increasing fertilizer sales since 1982, sales in Alberta declined in 1986. For the calendar year 1986 sales were down by 12.1 per cent from 1985. Fertilizer prices as reported by the Agricultural Input Monitoring System (A.I.M.S.) declined between 2.1 per cent and 3.8 per cent compared to 1985. As a result of the decline in fertilizer sales and the rebate provided by the Alberta Farm Fertilizer Price Protection Plan, total fertilizer expenses in 1986 were estimated at $305 million, down 14.8 per cent from 1985. The Alberta program reduced fertilizer expenses by $19.4 million in 1986.

Feed Expenses Feed expenses as reported in the farm expense series pertain only to feed purchased through commercial channels. Inter-farm sales of feed are not included in the provincial feed expense estimate as the expenses and receipts incurred by the two parties are offset. Grains and forages grown on farms for feed purposes are also not included as the cost of inputs is captured under crop expenses. Feed expenses in 1986 declined 31

per cent from $250 million in 1985 to $173 million. This decline was primarily due to a reduction in total livestock numbers, a reduction in the percentage of commercial feed purchases to total feed used and reduction in the price of feed grains and the benefits resulting from the Alberta Feed Grain Market Adjustment Program.

A.I.M.S. reported that in 1986, prices for calf starter and dairy supplements, poultry and hog supplements remained relatively unchanged from 1985. However, the price of feed barley declined 29 per cent.

The dramatic decline in feed barley prices combined with benefits under the Alberta Feed Grain Market Adjustment Program resulted in feed expenses being at their lowest levels since 1979. The Alberta feed program reduced feed expenses by $78 million in 1986.

Other Livestock Expenses Other livestock expenses include expenses for feeder cattle imported from other provinces, A.I. and veterinary expenses. Feeder cattle expenses at $95 million in 1986 remained at the same level as in 1985. Although feeder cattle imports from Saskatchewan declined by 9.1 per cent in 1986, this was offset by higher prices and higher levels of imports from B.C. and the U.S.

Assistance Programs The Alberta Government continued to provide agricultural assistance programs where needed. The scope of programs offered in 1986 was broad, providing financial assistance for agricultural research, debt refinancing, new loans, drought assistance to stabilize incomes, reducing farm cash operating expenses and expansion of agriculture processing and market development. Under the Farming for the Future Research Program implemented in 1979, 95 projects were funded at a cost of $4.57 million in 1986/87. To aid in the process of technology transfer, $460,000 was disbursed for 136 on farm testing and demonstration programs in 1986. Under the Canada/Alberta Livestock Drought Assistance Program, $41 million was paid to livestock producers in 1986. The supplemental Provincial Livestock Assistance Program paid out another $70 million in 1986. Numerous other programs such as Crop Insurance Modification/Restoration, Beekeepers Assistance, Water Fowl Damage, Flood Disaster Assistance and others resulted in additional payments of $60 million in 1986.

Continued assistance was offered with input expense reduction in 1986. $19.4 million was paid out to fertilizer users under the Farm Fertilizer Price Protection Plan. The Alberta Farm Fuel Distribution Allowance reduced fuel expenses by $126 million in calendar 1986 and farmers also received an additional cash rebate of $50 million for fuel expenses incurred in 1985.

In sum, existing and new provincial programs in 1986 resulted in net payments to producers of approximately $470 million.

Table 1
PRODUCTION AND GROSS FARM VALUE OF AGRICULTURAL PRODUCTS

	Production		Value Per Unit		Total Value	
	1985	1986[P]	1985	1986[P]	1985	1986[P]
	- tonnes -		- dollars -		- dollars -	
Field Crops:						
Wheat	4 654 000	7 348 000	130.44	92.59	607,068,000	680,351,000
Oats for grain	972 000	1 696 000	94.66	62.87	92,010,000	106,628,000
Barley for grain	4 572 000	7 446 000	98.29	73.02	449,382,000	543,707,000
Rye	1 244 000	235 900	89.75	59.82	111,649,000	14,112,000
Mixed grains	143 000	204 000	108.84	71.79	15,564,000	14,645,000
Flaxseed	27 900	50 800	272.76	181.84	7,610,000	9,237,000
Canola/Rapeseed	1 202,000	1 656 000	281.73	203.69	338,639,000	337,311,000
Mustard seed	13 600	29 500	341.62	284.31	4,646,000	8,387,000
Potatoes	208 600	245 000	104.69	115.71	21,838,000	28,349,000
Sugar beets	0	596 122	0	36.66	0	21,854,000
Tame hay	4 626 600	7 893 000	108.00	75.00	499,673,000	591,975,000
Other Crops					84,354,000	86,613,000
Total Field Crops					2,232,433,000	2,443,169,000
Livestock and Livestock Products:						
Cattle and Calves					1,019,339,000	1,165,968,000
Hogs					246,890,000	281,190,000
Sheep and Lambs					6,794,000	7,578,000
Total Livestock					1,273,023,000	1,454,736,000
Dairy					237,942,000	244,806,000
Poultry and Eggs					138,722,000	135,472,000
Honey					11,909,000	12,984,000
Other Livestock and Products					15,107,000	13,968,000
Total Livestock and Products					1,676,703,000	1,861,966,000

[P] preliminary

SOURCE OF FARM INCOME

(PER CENT)

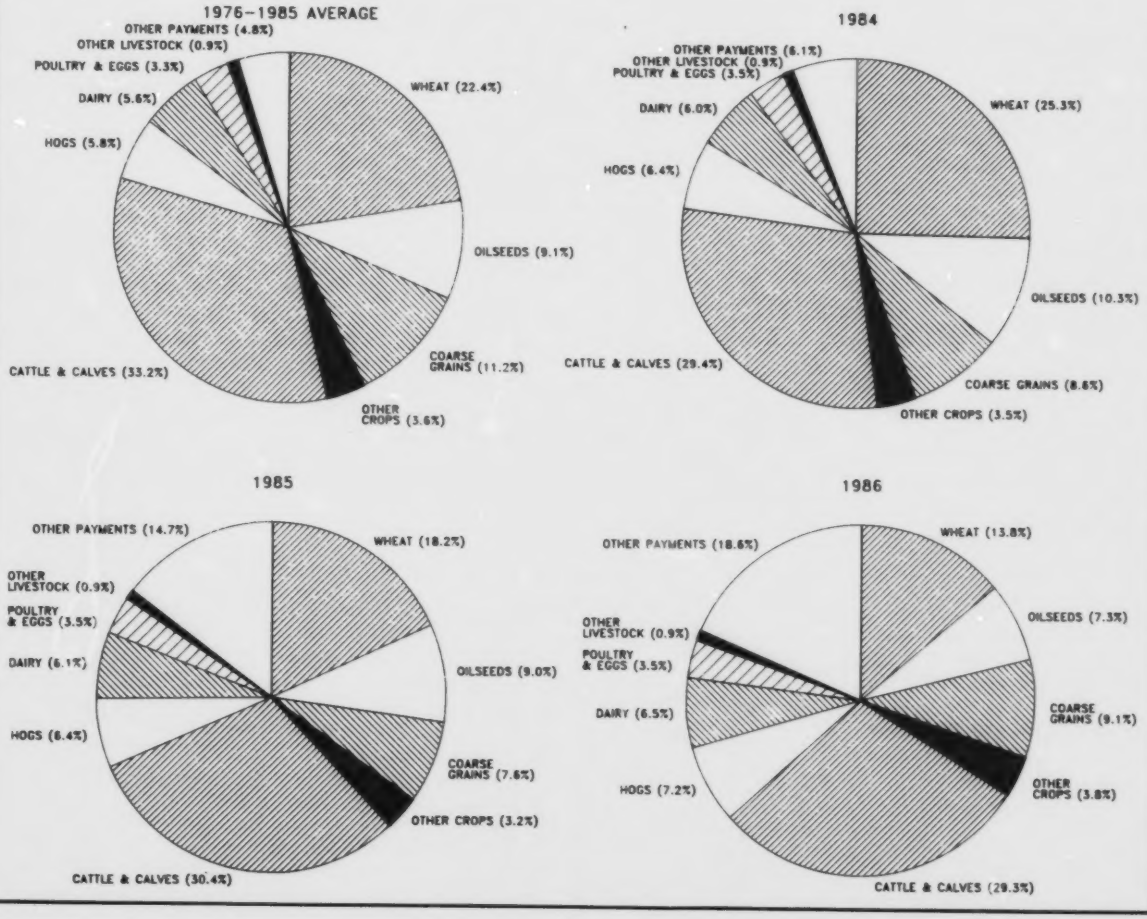


Table 2
CASH RECEIPTS FROM THE SALE OF FARM PRODUCTS

	1985		1986[P]	
	$'000	% of Total	$'000	% of Total
Wheat	699,000	18.2	520,000	13.8
Oats	18,000	0.5	17,000	0.5
Barley	270,000	7.0	319,000	8.5
Western Grain Stabilization	138,000	3.6	225,000	6.0
Crop Insurance Payments, etc.	283,000	7.4	250,000	6.7
C.W.B. Net Cash Advance & Deferments	102,000	2.7	76,000	2.0
Rye	5,000	0.1	5,000	0.1
Flaxseed	7,000	0.2	4,000	0.1
Canola/Rapeseed	341,000	8.9	270,000	7.2
Sugar Beets	3,000	0.1	14,000	0.4
Potatoes	27,000	0.7	30,000	0.8
Vegetables	27,000	0.7	26,000	0.7
Floriculture and Nursery	24,000	0.6	25,000	0.7
Other Crops	38,000	1.0	44,000	1.2
Total Crops	1,982,000	51.7	1,825,000	48.7
Cattle and Calves	1,210,000	31.4	1,245,000	33.1
Hogs	249,000	6.5	277,000	7.4
Sheep and Lambs	7,000	0.2	7,000	0.2
Milk and Cream	236,000	6.1	243,000	6.5
Poultry and Eggs	135,000	3.5	132,000	3.5
Other Livestock	26,000	0.7	27,000	0.7
Total Livestock and Products	1,863,000	48.4	1,931,000	51.4
Other Cash Receipts	3,000	0.1	3,000	0.1
Total Cash Receipts	3,848,000	100.0	3,759,000	100.0

[P] preliminary

Note: Interim and final payments received through the Canadian Wheat Board (wheat, oats and barley) are included in the calendar year in which payments were received by farmers. Deficiency payments and supplementary payments included with products where applicable.

Totals may not add due to rounding

Table 3
NET INCOME OF FARM OPERATORS FROM FARMING OPERATIONS

	1	2	3 (1+2)	4	5 (3-4)	6	7 (3+6)	8 (7-4)
	Total Cash Receipts	Income In Kind	Realized Gross Income	Op. & Deprec. Charges	Realized Net Income	Value of Inventory Changes	Total Gross Income	Total Net Income
	- thousand dollars -							
1961	534,000	19,000	553,000	323,000	230,000	-40,000	513,000	190,000
1962	575,000	19,000	594,000	345,000	249,000	21,000	615,000	270,000
1963	529,000	19,000	548,000	369,000	179,000	103,000	651,000	282,000
1964	602,000	18,000	620,000	400,000	220,000	8,000	628,000	228,000
1965	669,000	19,000	688,000	430,000	258,000	28,000	716,000	286,000
1966	769,000	18,000	787,000	470,000	317,000	36,000	823,000	353,000
1967	796,000	17,000	813,000	510,000	303,000	-42,000	771,000	261,000
1968	805,000	17,000	822,000	549,000	273,000	62,000	884,000	335,000
1969	740,000	18,000	758,000	552,000	206,000	45,000	803,000	251,000
1970	720,000	17,000	737,000	550,000	187,000	32,000	769,000	219,000
1971	795,000	16,000	811,000	605,000	206,000	17,000	828,000	223,000
1972	955,000	18,000	973,000	681,000	292,000	26,000	999,000	318,000
1973	1,242,000	22,000	1,264,000	839,000	425,000	204,000	1,468,000	629,000
1974	1,744,000	21,000	1,765,000	1,084,000	681,000	-12,000	1,753,000	669,000
1975	1,899,000	20,000	1,919,000	1,275,000	644,000	99,000	2,018,000	743,000
1976	1,910,000	25,000	1,935,000	1,476,000	459,000	82,000	2,017,000	546,000
1977	1,960,000	26,000	1,986,000	1,590,000	396,000	-74,000	1,912,000	322,000
1978	2,286,000	31,000	2,317,000	1,798,000	519,000	100,000	2,417,000	619,000
1979	2,828,000	36,000	2,864,000	2,219,000	645,000	74,000	2,938,000	719,000
1980	3,143,000	40,000	3,183,000	2,579,000	604,000	152,000	3,335,000	756,000
1981	3,891,000	40,000	3,931,000	3,205,000	726,000	68,000	3,999,000	794,000
1982	3,825,000	37,000	3,862,000	3,233,000	629,000	-85,000	3,777,000	544,000
1983	3,731,000	38,000	3,769,000	3,191,000	578,000	-212,000	3,557,000	366,000
1984	3,959,000	39,000	3,998,000	3,357,000	641,000	-351,000	3,647,000	290,000
1985	3,848,000	35,000	3,883,000	3,342,000	541,000	-91,000	3,792,000	450,000
1986[p]	3,759,000	38,000	3,797,000	3,076,000	721,000	524,000	4,321,000	1,245,000

[p] preliminary

Table 4
NET INCOME OF FARM OPERATORS FROM FARMING OPERATIONS

	1985	1986[P]	% Change
	- thousand dollars -		
1. Total Cash Receipts	3,848,000	3,759,000	- 2.3
2. Income in Kind	35,000	38,000	+ 8.6
3. Realized Gross Income (1+2)	3,883,000	3,797,000	- 2.2
4. Operating and Depreciation Charges	3,342,000	3,076,000	- 8.0
5. Realized Net Income (3-4)	541,000	721,000	+ 33.3
6. Value of Inventory Changes	-91,000	524,000	+ 675.6
7. Total Gross Income (3+6)	3,792,000	4,321,000	+ 14.0
8. Total Net Income (7-4)	450,000	1,245,000	+ 176.7

Table 5
INCOME IN KIND

	1985	1986[P]	% Change
	- thousand dollars -		
Dairy Products	1,942	1,806	- 7.0
Poultry and Eggs	3,186	3,100	- 2.7
Meat	13,860	15,736	+ 13.5
Fruit and Vegetables	8,846	8,602	- 2.8
Honey and Maple Products	64	72	+ 12.5
Forest Products	7,593	8,237	+ 8.5
Wool	8	8	0.0
Total	35,499	37,561	+ 5.8

[P] preliminary

Table 6
FARM OPERATING EXPENSES AND DEPRECIATION CHARGES

	1985	1986[P]	% Change
	- thousand dollars -		
Taxes	48,000	51,000	+ 6.3
Gross Farm Rent	181,000	174,000	- 3.9
Wages	200,000	212,000	+ 6.0
Interest	419,000	408,000	- 2.6
Fuel and Lubricants	290,000	138,000	- 52.4
Machinery Repairs and Expenses	260,000	275,000	+ 5.8
Fertilizer	358,000	305,000	- 14.8
Other Crop Expenses	211,000	209,000	- 0.9
Feed	250,000	173,000	- 30.8
Other Livestock Expenses	128,000	127,000	- 0.8
Repairs to Buildings	46,000	49,000	+ 6.5
Electricity and Telephone	62,000	64,000	+ 3.2
Miscellaneous	240,000	248,000	+ 3.3
Total Operating Expenses	2,693,000	2,433,000	- 9.7
Depreciation of Buildings and Machinery	649,000	643,000	- 0.9
Total Expenses	3,342,000	3,076,000	- 8.0

[P] preliminary

Table 7
AVERAGE FARM INPUT PRICES

	January - March	April - June	July - September	October - December	1986 Average
Lumber 2X6 spruce, M	$ 344.43	$ 353.53	$ 367.54	$ 394.37	$ 364.97
Sheathing, ply., fir. 3/8", 4'X 8' sht	10.79	11.58	11.97	12.91	11.81
Cement, 40 kg	8.58	8.66	8.69	8.74	8.67
Barn paint, oil base, gal.	21.90	21.97	22.10	21.99	21.99
Pipe, plastic, 3/4", 75 psi., 100' coil	19.29	20.22	20.62	21.05	20.29
Rods, re-enforcing 1/2", 6 metres	3.85	3.94	3.98	3.92	3.92
Barbed wire, 12 guage, double strand	43.44	44.10	44.21	44.20	43.99
Truck tires, 1st line, H78-15, ea.	74.50	74.68	76.23	74.98	75.10
Battery, 54 plate 12V, 70/80 amp. ea.	67.39	68.23	69.33	69.47	68.61
V Belt, 1/2" X 70", ea	10.16	10.05	9.97	9.71	9.97
Antifreeze, 4 litres	7.41	7.43	7.35	7.16	7.34
Mechanical repairs, per hour	31.89	32.23	32.47	32.60	32.30
Baler twine - sisal 9,000'	22.71	23.85	25.05	25.31	24.23
Farm labour, per month, without board	1,088.68	1,095.70	1,087.10	1,102.50	1,093.50
Tractor, 100 hp/up	59,545.60	59,470.88	58,680.52	57,925.85	58,905.71
Tractor, 170 hp/up	99,377.54	96,731.05	96,347.91	95,336.05	96,948.14
Combine, self-prop	117,640.36	118,766.33	118,085.01	118,062.30	118,138.50
Chisel plow, 19'-21'	13,054.52	13,230.21	13,231.59	12,917.88	13,108.55
Round baler, pull type	20,043.80	20,133.32	20,207.56	20,199.95	20,146.16
Double disc, hvy duty, 19'- 20'.	16,443.77	16,620.20	16,567.35	16,818.65	16,612.49
Truck, 1/2 t., Ford/Chev	11,343.68	11,395.45	11,534.35	11,805.48	11,519.74
Calf starter, supp., (20-24%), 25 kg	8.44	8.44	8.51	8.27	8.41
Dairy supp., (32%), 25 kg	8.58	8.79	8.84	8.85	8.76
Hog supp., (40%), 25 kg	10.79	11.06	10.99	11.21	11.01
Broiler grower complete feed, (18-20%), 25 kg	9.14	8.94	9.00	8.87	8.99
Cattle mineral, 25 kg	16.53	16.55	16.62	16.53	16.56
Feed Barley, No. 1, (farm gate), bu	2.13	2.00	1.80	1.48	1.85
Hay, good quality baled, ton	91.69	85.76	73.62	67.72	79.70
Fertilizer, 46-0-0, tonne, bulk	283.04	287.20	285.43	260.43	279.02
Fertilizer, 11-51-0, tonne, bulk	382.95	389.86	386.99	364.31	381.03
Fertilizer, 82-0-0, tonne, bulk (inc. appl)	463.98	472.65	467.68	440.25	461.14
2-4D low volatile, 20 litres	57.37	56.87	56.04	56.78	56.77
Avadex BW, liquid, 5 gal	172.32	175.00	175.01	173.15	173.87
Trifluralin, treflan, 17 litre case	212.10	194.40	182.76	176.17	191.36
Penicillin, injectable, 100 cc	4.80	4.85	4.91	5.12	4.92
Vitamin A D E, injectable, 100 cc	4.76	4.71	4.78	4.91	4.79
Seed, Wheat 100 kg., bulk	29.35	28.68	27.77	28.00	28.45
Seed, barley, 100 kg., bulk.	28.28	27.45	26.79	27.08	27.40
Purple gasoline, 100 litres	29.61	24.18	21.36	20.37	23.88
Diesel fuel, 100 litres	27.26	21.14	18.45	17.46	21.08
Propane, bulk, 100 litres	23.97	22.86	21.69	20.96	22.37
Natural gas, GJ	2.94	2.98	2.97	2.97	2.97
Diesel engine oil, 5 litres	8.16	8.12	8.14	8.12	8.13

Table 8
FARM WAGES

	Per Day		Per Month	
	1985	1986	1985	1986
	- dollars -			
With Board:				
February 15	37.74	38.09	882.00	926.00
May 15	38.38	39.27	887.00	930.00
August 15	38.88	38.96	911.00	936.00
November 15	37.83	39.08	916.00	942.00
Without Board:				
February 15	52.26	56.35	1,103.00	1,111.00
May 15	53.98	55.50	1,113.00	1,115.00
August 15	52.20	54.50	1,102.00	1,130.00
November 15	54.50	55.48	1,100.00	1,123.00

Table 9
FARM CAPITAL AND FARM DEBT

	Land and Buildings	Livestock and Poultry	Implements and Machinery	Total	Farm Debt
			- thousand dollars -		
1966	2,865,472	567,192	785,032	4,217,696	n/a
1967	3,206,599	604,245	843,354	4,654,198	n/a
1968	3,479,502	579,155	901,989	4,960,646	n/a
1969	3,409,912	746,291	934,211	5,090,414	n/a
1970	3,240,849	797,276	956,970	4,995,095	n/a
1971	3,530,252	803,855	867,446	5,201,553	932,598
1972	4,143,591	1,016,172	905,851	6,065,614	1,038,553
1973	5,181,261	1,380,491	986,590	7,548,342	1,289,081
1974	6,975,770	1,366,308	1,275,851	9,617,929	1,537,218
1975	8,957,880	1,024,330	1,726,808	11,709,018	1,764,402
1976	10,627,528	1,125,454	2,110,053	13,863,035	2,029,718
1977	12,523,091	1,099,894	2,430,618	16,053,603	2,233,468
1978	14,942,972	1,710,604	2,791,088	19,444,664	2,603,073
1979	21,172,490	2,478,357	3,297,240	26,948,087	3,060,789
1980	27,137,589	2,551,751	3,842,797	33,532,137	3,428,780
1981	29,961,159	2,531,865	4,362,215	36,855,239	4,063,427
1982	30,260,771	2,523,719	4,614,416	37,398,906	4,554,468
1983	28,445,125	2,497,341	4,602,848	35,545,314	4,872,696
1984	26,453,966	2,496,338	4,495,647	33,445,951	5,062,004
1985	24,866,728	2,178,420	4,464,253	31,509,401	5,240,932
1986[P]	22,877,390	2,276,861	4,508,513	29,662,764	n/a

[P] preliminary

n/a - not available

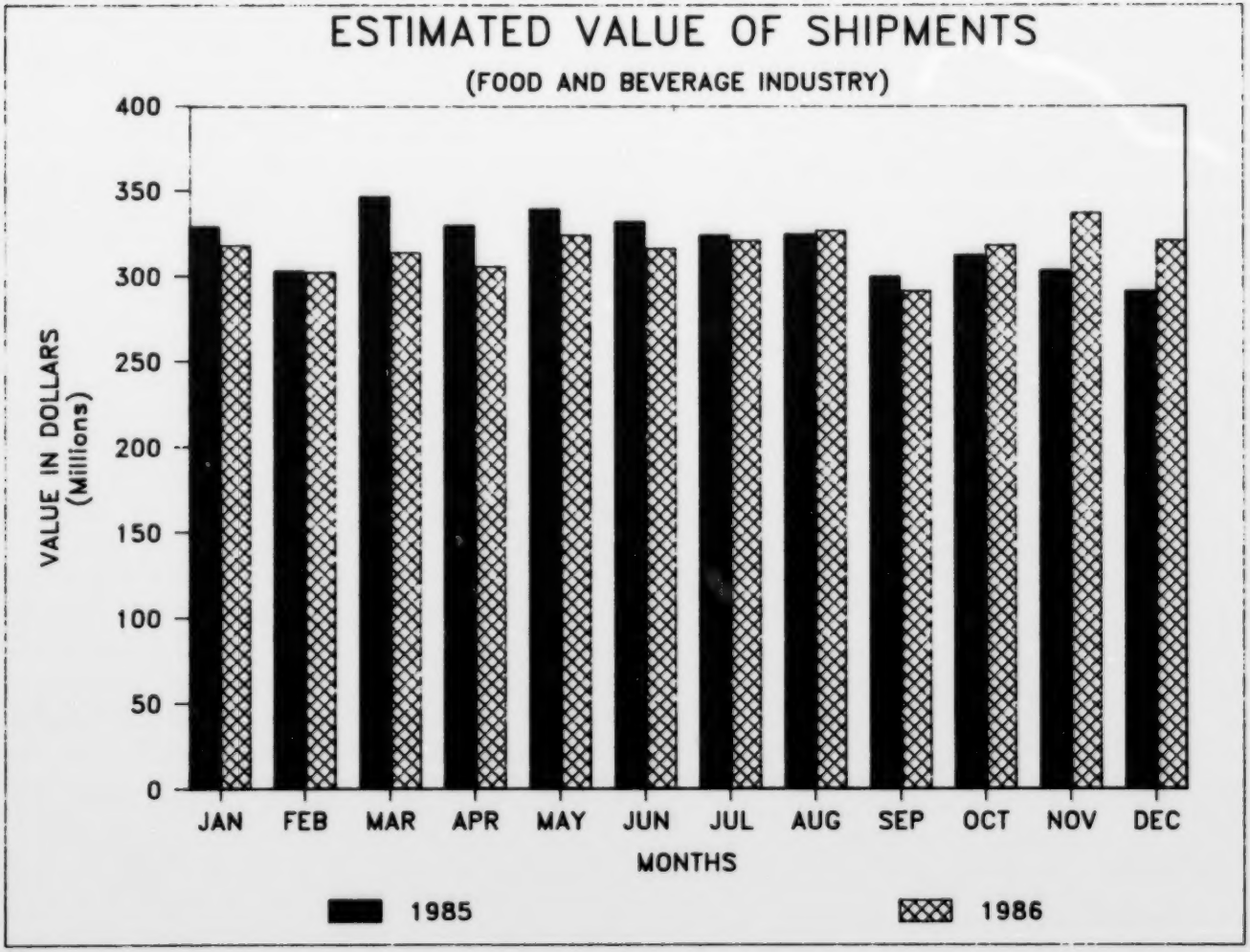

ESTIMATED VALUE OF SHIPMENTS
(FOOD AND BEVERAGE INDUSTRY)
VALUE IN DOLLARS
(Millions)
400
350
300
250
200
150
100
50
0
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
MONTHS
1985
1986

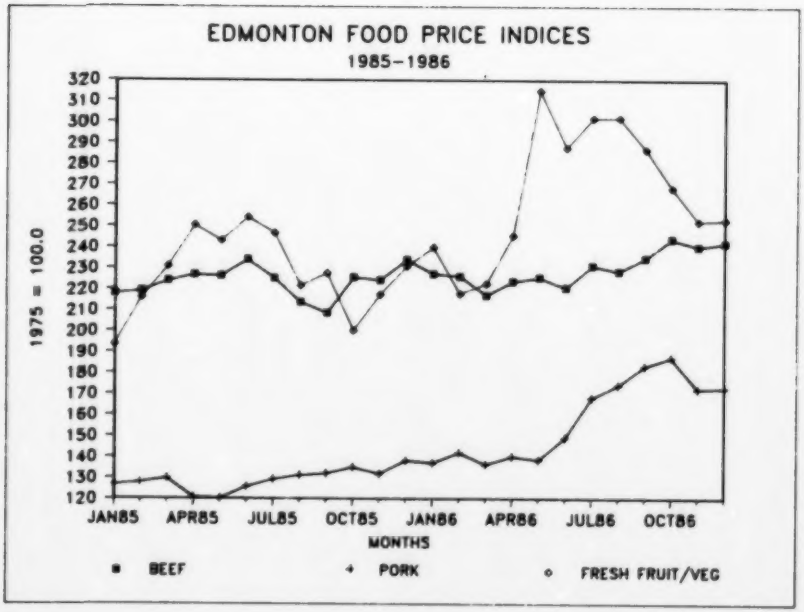
Table 10
FOOD AND BEVERAGE INDUSTRY

	Establishments		Value of Shipments Of Own Manufacture	
	1984	1985	1984	1985
	- number -		- $'000 -	
Meat & Meat Products	71	n/a	1,938,709	2,048,421[e]
Poultry Products Industry	6	6	127,984	124,298[f]
Fruit & Vegetable Industries	2	2	*	*
Fluid Milk Industry	4	n/a	*	*
Other Dairy Products Industry	30	n/a	272,164	*
Cereal Grain Flour Industry	3	3	94,835	94,403[f]
Prepared Flour Mixes & Cereal Foods	2	2	*	*
Feed Industry	69	n/a	300,576	287,050[e]
Vegetable Oil Mills (Exc. Corn Oil)	4	5	*	*
Biscuit Industry	3	3	*	*
Bread & Other Bakery Products	36	38	92,734	86,048[f]
Sugar & Confectionery Industry	2	2	*	*
Tea & Coffee Industry	1	n/a	*	*
Dry Pasta Products Industry	4	4	*	*
Potato Chip, Pretzel & Popcorn	3	3	*	*
Other Food Products n.e.s. (Incl. Malt)	19	n/a	82,438	n/a
Soft Drink Industry	13	n/a	137,242	n/a
Distillery Products Industry	3	3	*	*
Brewery Products Industry	5	5	131,090	117,010[f]
Wine Industry	3	3	*	*
TOTAL	283		3,535,578	3,837,021

* Confidential
n/a - not available

[e] projected from 1983 census of manufacturers benchmark
[f] final figure based on 1985 census of manufacturers

Source: Statistics Canada
Alberta Bureau of Statistics



Retail prices of 60 food items are collected each week at the stores of major food chains in Edmonton and Calgary. Prices are weighted to account for the estimated market share held by each chain as well as the relative importance of each item in the total food at home budget.

The retail price index of pork remained steady from January 1985 to June 1986 showing only minimal fluctuation. Due to production declines in the summer of 1986 caused by disruptions in slaughterings the index rose significantly to October before declining moderately.

The retail price index of beef remained fairly steady over the two year period dropping off slightly during the summer months of 1985 and showing a moderate increase during the second half of 1986.

The 1985 retail fresh fruit and vegetable price index followed a typical seasonal pattern until October 1985, then steadily increased to January 1986. A slight drop in February preceded higher prices for potatoes and apples which contributed to a sharp increase in the index until May 1986, followed by a normal seasonal decline to the end of the year.

FIELD CROPS

The area seeded to principal crops and forages changed little from 1985. In 1986, 22.6 million acres were cropped compared to 22.5 million the year before. For the 1986 crop year, the barley area declined by 250 thousand acres to 5.9 million acres. Canola and hay acreage increased by about 150 thousand acres each to 2.95 and 4.0 million acres respectively. The wheat area remained almost constant at 7.5 million acres. For the first time since 1979 the summerfallow area increased. The area fallowed rose by 150 thousand acres from 4.35 to 4.50 million acres.

CONDITIONS PRIOR TO THE 1986 GROWING SEASON

The fall of 1985 was extremely wet leading to delayed harvest completion and lower grades. The benefits of the wet fall were not realized until the spring of 1986.

The snowfall during the winter of 1985-86 was below average and little run off was reported in all Regions. Sloughs and dugouts were at average or below average levels everywhere except in the High Level area. Despite the apparent lack of snow over the winter, subsoil moisture was in good to excellent shape by the spring of 1986. Surface moisture was adequate when seeding started in the first week of May.

The winter of 1985-86 did not bring much snow but mild conditions prevented extensive winterkill of fall seeded wheat and rye. Statistics Canada indicated that only 4 per cent of the wheat and 5 per cent of the rye was injured compared with the 27 and 29 per cent respectively the previous winter. Alfalfa damage was also minimal after a very hard winter the year before. The winter crops were in good position to take advantage of the abundant moisture which materialized in 1986.

CROP CONDITIONS DURING THE 1986 GROWING SEASON

The weather was cold in April and seeding was delayed by cool soil temperatures. Seeding progress was slowed further by wet weather in the first week of May. By May 9th only 15 per cent of the crop was in. A severe blizzard hit the province on May 14th. The storm knocked out power to much of southern Alberta and left four foot drifts in many locations. Seeding was delayed by three to seven days in most locations. The storm left soil moisture in excellent condition but seeding progress was far behind normal.

After the blizzard, temperatures rose dramatically with highs in the 30's. Seeding progressed rapidly and by June 6th, 95 per cent of the crop was seeded. Only the odd field of canola and greenfeed remained. The hot weather was drying surface soil and the Peace River and North West Regions reported uneven canola emergence.

Showers resumed from June 6th to June 20th maintaining excellent growing conditions everywhere except in the Peace Region and Vegreville-Two Hills area. Hay fields and pastures were invigorated in the South and Central Regions after two years of drought. Grasshoppers were hatching in the south and spraying began. Early cereals were tillering and some later seeded cereals were in the one to five leaf stage.

Showers continued from June 20th to July 4th in the Northern and Central Regions but the Southern and Peace River Regions were drying out. Crops were still doing well in most locations. Cereals were in the shot blade stage in the North and they were heading out in the South. Canola was blooming in the South and in the rosette stage in the North. The first hay cut was 80 per cent finished in the South and 20 per cent finished elsewhere.

Between July 4th and July 18th, torrential rains came to much of Alberta. Many rivers flooded

including the Pembina, North Saskatchewan, Blindman and Medicine Rivers. Crop damage along those rivers amounted to 4 million dollars. The rain brought soil moisture to excellent levels at all locations except Peace River. Crops benefited from ideal growing conditions while they were heading. Hay crops suffered extensive quality damage as crops either lay in the wet fields or became overly mature. Grasshoppers and aphids remained the primary pest problems.

The last half of July brought still more rain. The Peace River Region finally got the moisture it desperately needed. Crop maturity was delayed by the cool and extremely wet weather. Adequate moisture was stored in the soil to carry crops to maturity. Yield potential of grains and oilseeds was exceptional and pastures remained much improved over the 1985 conditions. Combining of winter crops was just getting underway in Southern Regions. Dry warm weather was needed across the province.

The first two weeks of August were hot. Despite accelerated maturation, crops were one or two weeks behind the norm approaching the frost season. Swathing of spring crops was starting in the south and combining of fall crops was nearly finished.

Good weather continued through the second half of August and by the end of the month swathing was getting underway in all regions. Later seeded crops had been slow to develop and many still needed one or two weeks of frost-free weather to mature. Some light frost had already been reported. Secondary growth in canola and barley was making it very difficult to decide when to swath.

During the first week in September, cool cloudy weather set in and brought over 25 mm of rain to most regions. About 32 per cent of the crop was combined while 74 per cent had been swathed. The rain continued through the month and on September 26th only 42 per cent of the harvest was finished. Only the Peace River and North East Regions had made any progress in September. The quality of the 1986 crop was literally washed away.

The terrible harvest weather continued into October as another 25 to 50 mm of unwanted precipitation materialized. By October 10th, 45 per cent of the crop was harvested compared to normal progress of 87 per cent. It was starting to look like half the large 1986 crop might not be harvested until 1987. Weathering, sprouting, frost damage and green kernels were all contributing to a low-grade crop.

Fortunately the weather improved in the second half of October. Temperatures rose to the high twenties, and ideal combining weather allowed producers to get 99 per cent of the crop off by November 1st. The total production of cereals and oilseeds was 18.3 million metric tonnes (mmt) exceeding the 1981 record of 15.5 mmt by 18 per cent. The 1986 crop was 60 per cent larger than the drought-reduced 1985 crop. Pastures had improved greatly and fodder and feed grain supplies were in abundant supply. Apart from the miserable harvest, weather conditions were ideal for crop production.

The grades were disappointing, only 14 per cent of the wheat and 48 per cent of the canola made the number 1 grades. This does not compare well with the ten-year average of 32.4 and 84.1 per cent respectively. The grade deterioration reduced the value of the 1986 crop by over 100 million dollars.

INSECTS AND DISEASES

The major pest problems in 1986-87 included cutworms and grasshoppers. In 1986, 1.8 million acres were sprayed for grasshoppers compared with 2.0 million the year before. Damage in 1986 was much less than 1985 as crops were much stronger and alternative food supplies for the grasshoppers were better.

In 1986 the pale western cutworm infested 69 thousand acres, 75 per cent less than 1985. Damage was less severe than the past year because crop stands, particularly winter wheat, were in good condition. Aphids or greenbugs infested about 3 million acres of cropland, primarily barley and wheat. About 250,000 acres were sprayed with dimethoate.

Yield loss due to disease was not an apparent problem in 1986. As is the case in most years, reduced yield potential caused by root rots, rust, and other leaf diseases was not easily seen. Wet conditions were ideal for populations of disease organisms to build up. There was concern about the possibility of a widespread infection of sclerotinia in canola but the disease did not cause extensive damage. In total, less than 50,000 acres were treated to control sclerotinia. Stripe rust and root rot infections were severe on many fields of soft white spring wheat and yields were noticeably reduced in many cases. Leaf diseases on other cereals were very common because of the wet conditions but estimates of probable losses are not available.

HAIL AND WEATHER DAMAGE

Alberta Hail and Crop Insurance Corporation reported that more farmers insured a greater number of acres than ever before. In 1985, 30,158 producers insured 11,953,000 acres. Premiums collected totalled $147 million and indemnities paid out were approximately $124 million. This year's payout was less than half the record $274 million claimed in 1985. Hail claims declined to $22 million, down from $23 million in 1985 and $38 million in 1984. The corporation reported that 500 policy holders had crop snowed under in the Red Deer-Innisfail areas.

IRRIGATION

The 1986 census of agriculture indicates that in 1985 a total of 4,641 producers irrigated a total of 1,152,231 acres of land. This represents 62 per cent of the irrigated land base in Canada. 3,816 of the irrigation producers in Alberta are located in irrigation districts (I.D.'s) while 825 are outside the I.D.'s. According to information from the districts, 973,913 acres were irrigated in 1985 leaving 178,318 acres outside of the irrigation districts.

In 1986 the primary cropping activity within the I.D.'s were: cereal crops at 53 per cent of the area, hay at 23 per cent and pastures and oilseeds about 5 per cent each. All of the Alberta sugar beet crop and most of its potatoes and vegetables were grown under irrigation.

Table 11
IRRIGATION BY DISTRICT, 1986

District	Assessed Irrigable Acres*	Acres Actually Irrigated
Aetna	3,444	n/a
Bow River	189,202	174,903
Eastern	247,804	247,032
Leavitt	4,460	n/a
Lethbridge Northern	120,416	114,641
Magrath	14,579	14,586
Mountain View	3,710	n/a
Raymond	44,950	36,008
Ross Creek	1,319	n/a
St. Mary River	331,493	307,875
Taber	73,314	69,928
United	34,336	12,766
Western	83,924	47,523
Total	1,152,951	1,025,262

* Permanent and Terminable Acres

Table 12
CROP ACRES IN THE MAJOR IRRIGATION DISTRICTS[1]

	1983	1984	1985	1986
			- acres -	
Total Grains[2]	539,073	506,402	553,077	547,437
Total Oilseeds[3]	31,894	70,206	58,154	50,568
Total Hay[4]	159,470	183,572	193,406	235,246
Total Tame Pasture	55,372	50,465	53,650	50,759
Total Other Fodder[5]	28,096	28,446	34,701	36,208
Total Sugar Beets	32,180	30,831	11	28,400
Total Potatoes	13,404	14,943	17,517	16,684
Total Other Specialty Crops[6]	51,985	48,199	55,272	51,858
Total Crops Irrigated	911,474	933,064	965,788	1,017,160
Total Summerfallow	9,640	5,924	8,125	8,102
Total Irrigated Cropland	921,114	938,988	973,913	1,025,262

[1] Does not include data for the Irrigation Districts of Aetna, Leavitt, Mountain View, and Western.

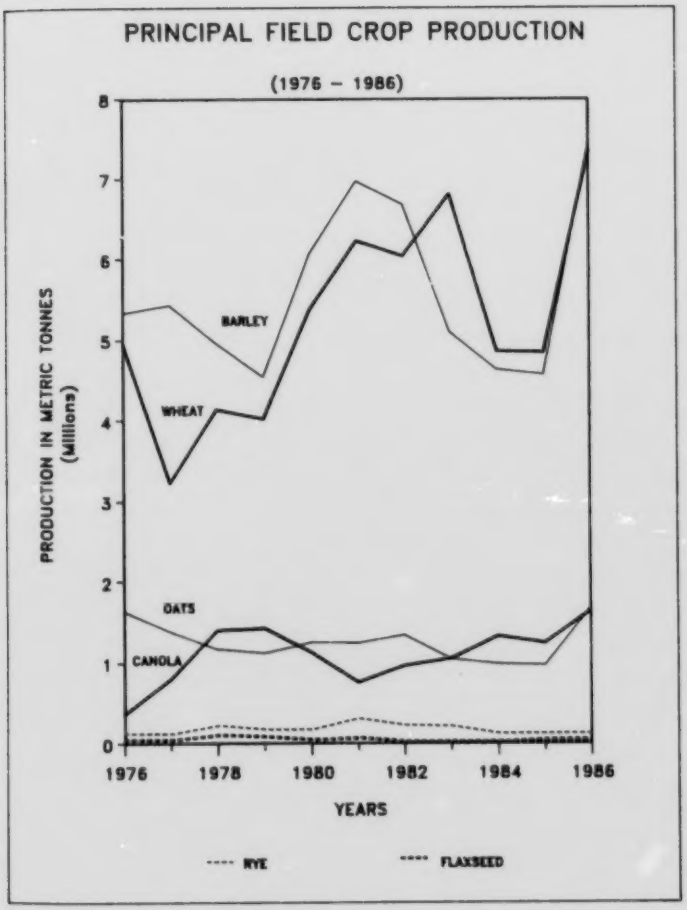
[2] Wheat, oats, barley, mixed grain and rye.

[3] Flaxseed, canola/rapeseed, sunflowers and mustard.

[4] Alfalfa hay and sweet clover hay.

[5] Greenfeed, silage corn, silage and grass hay.

[6] Peas, canning corn, timothy, brome grass, alfalfa seed, sweet clover seed, small seeds and misc. crops.


PRINCIPAL FIELD CROP PRODUCTION
(1976 – 1986)
PRODUCTION IN METRIC TONNES
(Millions)
BARLEY
WHEAT
OATS
CANOLA
YEARS
RYE
FLAXSEED

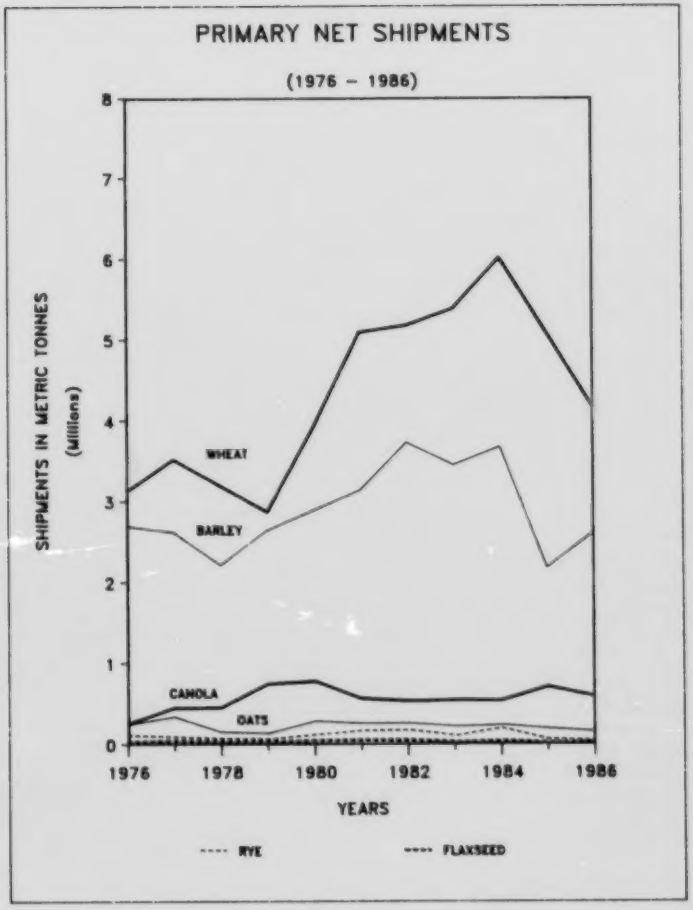

PRIMARY NET SHIPMENTS
(1976 – 1986)
SHIPMENTS IN METRIC TONNES
(Millions)
WHEAT
BARLEY
CANOLA
OATS
YEARS
RYE
FLAXSEED

Table 13
MUNICIPAL CO-OPERATIVE SEED CLEANING

	1984-85	1985-86
	- bushels -	
Commercial Seed	23,778,140	23,021,161
Pedigree Seed	1,654,260	1,721,054
Total Seed	25,432,400	24,742,215
Dockage Removed	1,533,856	950,856
Total Cleaning	26,966,256	25,693,071
Average Per Plant	350,211	388,066
Treated Seed	2,810,971	2,673,313

Table 14
INTENDED AND SEEDED AREAS OF PRINCIPAL FIELD CROPS

	1985		1986	
	Intended	Seeded	Intended	Seeded
	- thousand acres -			
Winter Wheat	550	400	420	450
Spring Wheat	6,350	6,600	6,350	6,450
Durum Wheat	550	550	600	600
All Wheat	7,450	7,550	7,370	7,500
Oats[1]	1,950	1,850	2,000	1,900
Barley[1]	6,050	6,150	5,900	5,900
All Rye	300	220	250	250
Mixed Grain	150	160	160	160
Flaxseed	50	80	80	90
Rapeseed	2,650	2,800	2,800	2,950
Corn for Grain	15	16	15	9
Summerfallow	4,500	4,350	4,500	4,500

[1] Includes oats and barley for grain and for hay.

Note: Intentions at March 15.

Table 15
FERTILIZER SALES[1]

	1985	1986
	- tonnes -	
82-0-0 (Anhy. Amm.)	187 382	174 631
46-0-0 (Urea)	245 123	221 875
34-0-0 (Amm. No_3)	85 816	86 330
21-0-0 (Amm. SO_4)	27 215	30 790
28-0-0 (N. Soln.)	11 374	12 307
Urea Phos.	20 687	17 622
11-51-0 (Monoammon Phos.)	311 497	276 149
Other MAP	-	-
18-46-0 DAP	168	22
16-20-0 OAP	21 338	28 851
10-34-0 OAP	1 551	13 734
0-0-60 (KCL)	44 951	46 200
Others	11 340	-
Elemental S	-	-
Total	968 442	908 511
Nutrients:		
Nitrogen	352 907	329 772
Phosphate	170 943	153 533
Potash	27 420	28 182
Sulphur	-	-
Ag. Lime	10 242	11 853

[1] Ending June 30.

Table 16
HAIL AND CROP INSURANCE

	No. of Farmers Insured[1]	Acres Insured	Premium[2]	Liability	Indemnities
		'000	$'000	$'000	$'000
1968	15,763	3,910	4,581	63,950	5,508
1969	16,201	3,561	4,080	57,105	6,298
1970	12,856	2,306	2,730	31,941	1,699
1971	11,323	2,429	2,900	33,310	2,410
1972	10,202	2,314	2,784	37,073	2,119
1973	12,296	3,201	7,883	73,399	6,436
1974	13,883	3,838	14,356	125,863	13,806
1975	18,685	5,113	27,259	215,976	18,320
1976	18,580	5,343	30,298	229,289	16,500
1977	20,878	6,301	36,954	279,520	38,130
1978	19,258	5,908	38,484	259,967	22,686
1979	18,658	5,933	42,554	282,846	26,304
1980	20,138	6,970	55,915	389,136	31,793
1981	19,878	7,163	66,529	493,528	27,215
1982	19,600	7,375	71,579	557,638	62,502
1983	20,933	8,443	88,086	673,083	75,467
1984	23,305	9,552	99,092	774,201	199,616
1985	23,433	10,678	117,489	863,115	274,359
1986[P]	30,158	11,953	147,204	926,587	124,439

[P] preliminary

[1] Includes all crop, hay and pasture, alfalfa and processing vegetables.

[2] Includes farmer and Federal share, Provincial high risk subsidy and hail endorsement.

Table 17
SUMMERFALLOW AREA

Census Division	1985	1986
	- thousand acres -	
1	558	574
2	545	533
3	120	116
4	620	639
5	802	785
6 & 9	137	132
7	371	407
8	40	41
10	440	489
11	78	81
12	87	94
13) 14)	92	100
15	460	509
Province	4,350	4,500

Table 18
AREA, YIELD AND PRODUCTION OF PRINCIPAL FIELD CROPS

Census Division	Area		Yield Per Acre		Production	
	1985	1986	1985	1986	1985	1986
	- acres -		- kilograms -		- tonnes -	
			ALL WHEAT			
1	710,000	720,000	442	883	314 000	636 000
2	986,000	1,025,000	732	1 036	722 000	1 062 000
3	400,000	402,000	362	942	145 000	379 000
4	657,000	634,000	424	690	279 000	438 000
5	1,153,000	1,180,000	615	1 138	709 000	1 343 000
6 & 9	320,000	359,000	582	1 264	187 000	454 000
7	1,063,000	1,038,000	718	987	763 000	1 025 000
8	82,000	104,000	841	1 384	69 000	144 000
10	869,000	874,000	837	1 020	728 000	892 000
11	137,000	146,000	1 189	1 212	163 000	177 000
12	115,000	112,000	834	875	96 000	98 000
13) 14)	81,000	93,000	950	1 086	77 000	101 000
15	977,000	813,000	606	736	592 000	599 000
Province	7,550,000	7,500,000	642	979	4 844 000	7 348 000
			OATS FOR GRAIN			
1	11,000	19,000	454	842	5 000	16 000
2	24,000	31,000	875	1 096	21 000	34 000
3	15,000	62,000	266	822	4 000	51 000
4	66,000	76,000	469	829	31 000	63 000
5	40,000	50,000	600	1 222	24 000	61 000
6 & 9	44,000	125,000	659	1 280	29 000	160 000

Census Division	Area 1985	Area 1986	Yield Per Acre 1985	Yield Per Acre 1986	Production 1985	Production 1986
	- acres -		- kilograms -		- tonnes -	
		OATS FOR GRAIN (cont'd.)				
7	173,000	187,000	768	1 171	133 000	219 000
8	85,000	104,000	859	1 250	73 000	130 000
10	198,000	236,000	772	1 186	153 000	280 000
11	160,000	164,000	1 037	1 280	166 000	210 000
12	160,000	158,000	850	1 044	136 000	165 000
13) 14)	132,000	142,000	1 038	1 197	137 000	170 000
15	92,000	146,000	652	938	60 000	137 000
Province	1,200,000	1,500,000	810	1 130	972 000	1 696 000
		BARLEY FOR GRAIN				
1	33,000	43,000	660	1 163	22 000	50 000
2	283,000	293,000	1 081	1 447	306 000	424 000
3	225,000	401,000	333	1 122	75 000	450 000
4	55,000	69,000	581	1 043	32 000	72 000
5	386,000	441,000	746	1 444	288 000	637 000
6 & 9	503,000	545,000	679	1 530	342 000	834 000
7	326,000	328,000	923	1 372	301 000	450 000
8	577,000	599,000	920	1 444	531 000	865 000
10	682,000	646,000	956	1 390	652 000	898 000
11	560,000	555,000	1 366	1 441	765 000	800 000
12	239,000	261,000	970	1 172	232 000	306 000
13) 14)	513,000	515,000	1 206	1 291	619 000	665 000
15	868,000	1,004,000	694	991	603 000	995 000
Province	5,250,000	5,700,000	908	1 306	4 768 000	7 446 000

A.R.A.	Area		Yield Per Acre		Production	
	1985	1986	1985	1986	1985	1986
	- acres -		- kilograms -		- tonnes -	
			FLAXSEED			
1	9,100	8,700	319	632	2 900	5 500
2	39,400	42,700	368	628	14 500	26 800
3	4,800	5,900	229	458	1 100	2 700
4A	8,600	10,500	419	571	3 600	6 000
4B	3,900	4,800	333	479	1 300	2 300
5	1,400	1,700	500	647	700	1 100
6	2,600	3,200	500	500	1 300	1 600
7	10,200	12,500	255	384	2 600	4 800
Province	80,000	90,000	349	564	27 900	50 800
			CANOLA / RAPESEED			
1	17,400	20,100	420	687	7 300	13 800
2	226,600	195,400	435	708	98 600	138 400
3	171,200	147,400	294	614	50 400	90 500
4A	441,500	439,900	474	628	209 400	276 200
4B	582,300	615,500	483	572	281 200	352 300
5	380,000	430,200	518	607	196 900	261 000
6	298,000	324,300	538	505	160 300	163 800
7	683,000	777,200	356	463	242 900	360 000
Province	2,800,000	2,950,000	445	561	1 247 000	1 656 000

A.R.A.	Area		Yield Per Acre		Production	
	1985	1986	1985	1986	1985	1986
	- acres -		- kilograms -		- tonnes -	
			ALL RYE			
1	29,100	43,300	361	640	10 500	27 700
2	75,600	85,900	528	1 010	39 900	86 800
3	53,500	60,000	607	1 127	32 500	67 600
4A	38,500	36,100	647	792	24 900	28 600
4B	2,900	3,000	552	867	1 600	2 600
5	14,000	14,500	771	1 193	10 800	17 300
6	1,900	2,000	579	900	1 100	1 800
7	4,500	5,200	689	731	3 100	3 800
Province	220,000	250,000	565	945	124 400	236 200
			TAME HAY			
1	157,300	145,600	1 107	1 757	174 200	255 800
2	309,100	318,500	1 952	2 797	603 400	890 900
3	413,800	409,300	643	2 061	266 200	843 700
4A	166,200	174,200	1 063	1 510	176 800	263 200
4B	231,100	234,500	1 199	1 793	277 000	420 500
5	926,800	917,800	1 222	2 282	1 132 900	2 094 300
6	1,000,800	993,200	1 447	1 814	1 448 700	1 801 400
7	694,900	806,900	788	1 640	547 800	1 323 200
Province	3,900,000	4,000,000	1 186	1 973	4 627 000	7 893 000
			OTHER CROPS			
Winter Wheat	400,000	450,000	510	1 075	204 000	484 000
Durum Wheat	550,000	600,000	405	872	223 000	523 000
Mixed Grains	160,000	160,000	894	1 275	143 000	204 000
Fall Rye	170,000	210,000	582	995	99 000	208 000
Spring Rye	50,000	40,000	508	698	25 400	27 900
Corn for Grain	16,000	9,000	2 225	2 422	35 600	21 800
Peas, dry	19,000	26,000	790	954	15 000	24 800
Lentils	3,000	6,000	235	383	700	2 300
Mustard Seed	55,000	62,000	247	476	13 600	29 500
Potatoes	20,000	22 500	10 430	10 889	208 600	245 000
Sugar Beets	-	28,400	-	20 950	-	595 000
Fodder Corn	27,000	25,000	14 400	18 160	390 000	454 000

Table 19A
AVERAGE YIELD ON SUMMERFALLOW AND STUBBLE, 1986

A.R.A.	WHEAT			BARLEY			CANOLA/RAPESEED		
	Summerfallow	Stubble	Difference	Summerfallow	Stubble	Difference	Summerfallow	Stubble	Difference
	- kilograms per acre -								
1	795	593	202	1 167	669	498	(		
2	1 124	912	212	1 463	1 124	339	(708	572	136
3	1 144	994	150	1 411	1 244	167	690	599	91
4A	1 091	885	206	1 562	1 289	273	705	605	100
4B	1 159	961	198	1 657	1 230	427	649	492	157
5	1 132	955	177	1 681	1 326	355	748	612	136
6	1 143	945	198	1 509	1 300	209	521	440	81
7	822	667	155	1 280	976	304	574	427	147

Note: The above are simple non-weighted yields of crop reporters who reported crop yields from both summerfallow and stubble land.

Table 19B
PERCENTAGE OF MAJOR CROPS SEEDED ON SUMMERFALLOW

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
	- per cent -									
Wheat	72	68	60	59	57	50	45	40	39	34
Oats for grain	31	30	29	29	28	23	25	20	25	21
Barley for grain	27	23	18	19	16	14	11	11	10	10
Flaxseed	74	68	60	57	60	49	45	58	49	29
Canola/Rapeseed	62	61	51	64	58	43	36	37	34	31

Table 20
PRECIPITATION RECORDED AT SELECTED ALBERTA STATIONS

Stations	April 1 - October 31 Incl. 1985	1986	1986/Norm %
	- millimetres -		
Medicine Hat	234.3	463.0	179
Brooks	297.0	326.4	131
Lethbridge	299.6	284.1	90
Pincher Creek	464.9	435.7	112
Calgary	353.7	431.6	124
Coronation	254.4	361.6	126
Red Deer	349.2	543.9	144
Rocky Mtn House	473.9	533.9	121
Lloydminster	333.2	393.6	110
Vegreville	329.0	341.2	104
Edmonton	330.5	424.2	117
Whitecourt	521.3	558.7	132
Cold Lake	281.4	330.9	93
Fort McMurray	329.8	299.2	71
Grande Prairie	228.7	309.3	98
Peace River	314.2	219.8	80
High Level	297.5	247.1	80

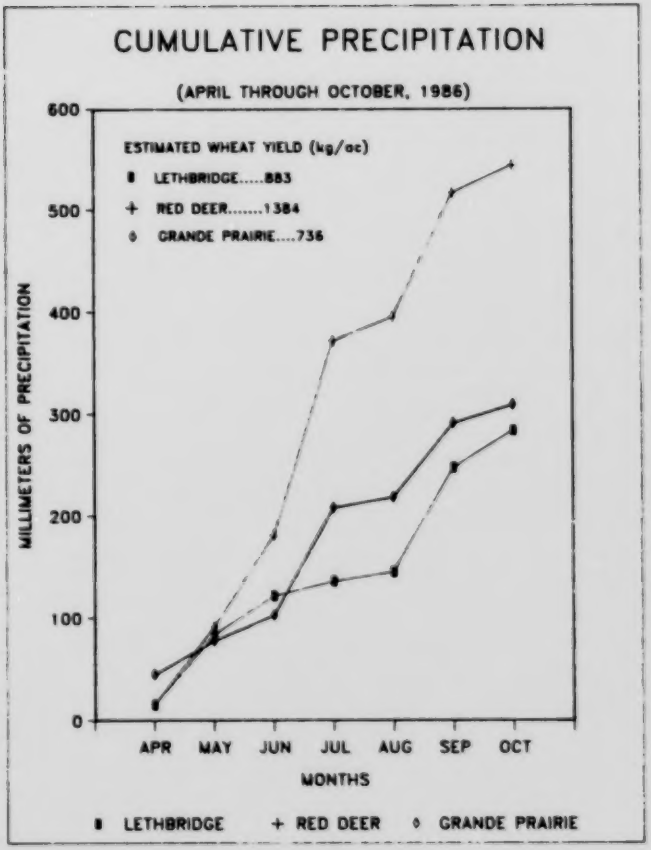


Table 21
WHEAT BOARD PAYMENTS, 1986-87

	Initial Payment - $/tonne -
WHEAT[1]	
No. 1 C.W. Red Spring (13.5)	118.88
No. 1 C.W. Red Spring	116.67
No. 2 C.W. Red Spring (13.5)	111.88
No. 2 C.W. Red Spring	110.88
No. 3 C.W. Red Spring	96.88
No. 1 Canada Paririe Spring (Red)	81.88
No. 2 Canada Prairie Spring (Red)	77.88
No. 1 Canada Utility	90.88
No. 2 Canada Utility	78.88
Canada Feed	76.67
No. 1 C.W. Red Winter	95.88
No. 2 C.W. Red Winter	93.88
No. 3 C.W. Red Winter	76.67
No. 1 C.W. Soft White Spring	91.67
No. 2 C.W. Soft White Spring	88.67
No. 3 C.W. Soft White Spring	77.67
No. 1 C.W. Amber Durum	116.67
No. 2 C.W. Amber Durum	113.67
No. 3 C.W. Amber Durum	111.67
OATS[2]	
No. 1 C.W.	63.59
No. 2 C.W.	61.59
Ex. No. 1 Feed	59.59
No. 1 Feed	57.59
No. 2 Feed	53.51
No. 3 Feed	50.51
DESIGNATED OATS[2]	
No. 1 C.W.	112.59
No. 2 C.W.	110.59
Ex. No. 1 Feed	108.59
No. 1 Feed	106.59
No. 2 Feed	102.59

	Initial Payment - $/tonne -
BARLEY[3]	
No. 1 C.W.	64.90
No. 2 C.W.	61.90
DESIGNATED BARLEY[3]	
Special Select C.W. 2 - Row	149.90
Special Select C.W. 6 - Row	139.90
Select C.W. 2 - Row	144.90
Select C.W. 6 - Row	134.90

1 Deductions include freight at $5.41 per tonne (24.54 cents per cwt.) Calgary or Edmonton to Pacific Coast, estimated elevation charges of $6.25 per tonne and $1.67 per tonne for removal of dockage (Alberta Wheat Pool).

2 Deductions include freight at $5.41 per tonne (24.54 cents per cwt.) Calgary or Edmonton to Pacific Coast, estimated elevation charges of $9.30 per tonne and $2.70 per tonne for removal of dockage (Alberta Wheat Pool).

3 Deductions include freight at $5.41 per tonne (24.54 cents per cwt.) Calgary or Edmonton to Pacific Coast, estimated elevation charges of $7.80 per tonne and $1.89 per tonne for removal of dockage (Alberta Wheat Pool).

Table 22
WHEAT BOARD PAYMENTS, 1985-86

	Initial Payment	Adjust. Payment	Final Payment	Realized Payment
	- dollars per tonne -			
WHEAT[1]				
No. 1 C.W. R.S.(13.5)	149.05	-	-	149.05
No. 1 C.W. R.S.	146.84	-	-	146.84
No. 2 C.W. R.S.	141.05	-	-	141.05
3 C.W. R.S.	133.05	-	-	133.05
No. 1 C.U.	129.05	-	-	129.05
No. 2 C.U.	115.05	-	-	115.05
Canada Feed	107.84	-	-	107.84
No. 1 C.W. R.W.	132.05	-	-	132.05
No. 2 C.W. R.W.	130.05	-	-	130.05
No. 3 C.W. R.W.	115.05	-	-	115.05
No. 1 C.W. S.W.S.	118.84	-	-	118.84
No. 2 C.W. S.W.S.	115.84	-	-	115.84
No. 3 C.W. S.W.S.	107.84	-	-	107.84
No. 1 C.W. A.D.	146.84	-	21.30	168.14
No. 2 C.W. A.D.	144.05	-	19.09	163.14
No. 3 C.W. A.D.	142.05	-	16.09	158.14
OATS[2]				
No. 1 C.W.	88.84	-	-	88.84
No. 2 C.W.	86.84	-	-	86.84
Ex. No. 1 Feed	84.84	-	-	84.84
No. 1 Feed	82.84	-	-	82.84
No. 2 Feed	78.76	-	-	78.76
No. 3 Feed	75.76	-	-	75.76
DESIGNATED OATS[2]				
No. 1 C.W.	112.84	-	20.25	133.09
No. 2 C.W.	110.84	-	20.25	131.09
Ex. No. 1 Feed	108.84	-	15.75	124.59
No. 1 Feed	106.84	-	13.75	120.59

	Initial Payment	Adjust. Payment	Final Payment	Realized Payment
	- dollars per tonne -			
BARLEY[3]				
No. 1 C.W. 6-Row	98.04	-	-	98.04
No. 2 C.W. 6-Row	97.04	-	-	97.04
No. 1 C.W. 2-Row	98.04	-	-	98.04
No. 2 C.W. 2-Row	97.04	-	-	97.04
No. 1 Feed	95.11	-	-	95.11
No. 2 Feed	92.54	-	-	92.54
No. 3 Feed	87.54	-	-	87.54
DESIGNATED BARLEY[3]				
No. 1 C.W. 6-Row	141.38	-	28.12	169.50
No. 2 C.W. 6-Row	140.11	-	28.39	168.50
No. 1 C.W. 2-Row	151.38	-	38.12	189.50
No. 2 C.W. 2-Row	150.11	-	38.39	188.50
No. 1 Feed 6-Row	136.88	-	29.12	166.00
No. 1 Feed 2-Row	146.88	-	39.12	186.00
No. 2 Feed 6-Row	134.88	-	27.72	162.60
No. 2 Feed 2-Row	144.88	-	37.72	182.60
No. 3 Feed 6-Row	131.88	-	-	131.88
No. 3 Feed 2-Row	141.88	-	-	141.88

1 Deductions include freight at $5.41 per tonne (31.43 cents per cwt.) Calgary or Edmonton to Vancouver; estimated elevation charges of $6.08 per tonne and $1.67 per tonne for removal of dockage (Alberta Wheat Pool).

2 Deductions include freight at $5.41 per tonne (31.43 cents per cwt.) Calgary or Edmonton to Vancouver; estimated elevation charges of $9.05 per tonne and $2.70 per tonne for removal of dockage (Alberta Wheat Pool).

3 Deductions include freight at $5.41 per tonne (31.43 cents per cwt.) Calgary or Edmonton to Vancouver; estimated elevation charges of $7.59 per tonne and $1.89 per tonne for removal of dockage (Alberta Wheat Pool).

Table 23
AVERAGE MONTHLY CASH GRAIN PRICES, 1985-86

	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Year
						- dollars per tonne -							
WHEAT - Canadian Wheat Board Basis in Store Pacific Coast													
1 C.W. R.S. 13.5%	224.76	232.04	241.43	252.72	260.91	259.32	251.30	260.77	257.12	241.80	211.36	197.45	240.57
1 C.W. R.S. 12.5%	221.16	228.44	237.83	249.12	257.31	255.72	247.70	257.17	253.52	238.20	207.76	193.85	236.97
1 C.W. R.S. 11.5%	214.16	221.44	230.83	242.12	250.31	248.72	240.70	250.17	246.52	231.20	200.76	186.85	229.97
2 C.W. R.S. 13.5%	219.16	226.44	235.83	247.12	255.31	253.72	245.70	255.17	251.52	236.20	205.76	191.85	235.07
3 C.W. R.S. . . .	209.16	216.44	225.83	237.12	245.31	243.72	235.70	245.17	241.52	226.20	195.76	181.85	225.07
1 C.W. R.W. . . .	211.16	218.44	227.83	239.12	247.31	245.72	237.70	247.17	243.52	228.20	197.76	183.85	227.07
2 C.W. R.W. . . .	209.16	216.44	225.83	237.12	245.31	243.72	235.70	245.17	241.52	226.20	195.76	181.85	225.07
3 C.W. R.W. . . .	206.16	213.44	222.83	234.12	242.31	240.72	232.70	242.17	238.52	223.20	192.76	178.85	222.07
1 C.W. A.D. . . .	210.64	219.23	226.55	223.13	227.47	228.35	226.44	227.32	223.44	218.16	206.49	179.23	217.85
2 C.W. A.D. . . .	205.64	214.23	221.55	218.13	222.47	223.35	221.44	222.32	218.44	213.16	201.49	174.23	212.85
3 C.W. A.D. . . .	200.64	209.23	216.55	213.13	217.47	218.35	216.44	217.32	213.44	208.16	196.49	169.23	207.85
OATS - Domestic - Canadian Wheat Board Basis in Store Thunder Bay													
1 C.W.	151.50	151.50	151.50	151.50	151.50	151.50	151.50	151.50	151.50	151.50	151.50	144.68	150.90
2 C.W.	149.50	149.50	149.50	149.50	149.50	149.50	149.50	149.50	149.50	149.50	149.50	142.68	148.90
Ex. 1 Fd. . . .	143.00	143.00	143.00	143.00	143.00	143.00	143.00	143.00	143.00	143.00	143.00	136.18	142.40
BARLEY - Canadian Wheat Board Basis in Store Thunder Bay													
Malting:													
1 C.W. 6-Row . .	206.00	207.00	211.00	211.00	211.00	211.00	211.00	211.00	211.00	211.00	211.00	211.00	210.26
2 C.W. 6-Row . .	205.00	206.00	210.00	210.00	210.00	210.00	210.00	210.00	210.00	210.00	210.00	210.00	209.26
1 C.W. 2-Row . .	226.00	227.00	231.00	231.00	231.00	231.00	231.00	231.00	231.00	231.00	231.00	231.00	230.26
2 C.W. 2-Row . .	225.00	226.00	230.00	230.00	230.00	230.00	230.00	230.00	230.00	230.00	230.00	230.00	229.26

	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Year
						- dollars per tonne -							
	OATS - Winnipeg Commodity Exchange Basis in Store Thunder Bay												
1 Feed	94.44	90.87	95.85	101.35	100.38	99.48	95.60	94.07	83.35	81.87	82.90	82.96	91.81
2 Feed	90.94	87.37	92.35	97.85	96.88	96.00	92.10	90.57	79.85	78.37	79.40	79.46	88.31
3 Feed	87.94	84.37	89.35	94.85	93.88	92.98	89.10	87.57	76.85	75.37	76.40	76.46	85.31
	BARLEY - Domestic - Winnipeg Commodity Exchange Basis in Store Thunder Bay												
1 Feed	110.32	104.61	104.04	105.61	106.57	104.10	99.98	98.36	91.31	101.52	105.93	105.16	103.10
2 Feed	108.82	103.36	103.04	104.61	105.47	103.10	98.98	97.36	90.31	100.52	104.93	104.16	102.04
3 Feed	103.82	98.11	97.54	99.11	100.07	97.60	93.48	91.86	84.81	95.02	99.43	98.66	96.60
	RYE - Winnipeg Commodity Exchange Basis in Store Thunder Bay												
1 Canada	111.29	116.94	114.75	117.64	122.15	118.16	108.26	100.20	94.75	107.54	103.52	98.17	109.33
2 Canada	109.29	114.94	112.75	115.64	120.15	116.16	106.26	98.20	92.75	105.49	101.02	96.16	107.28
3 Canada	81.29	86.94	84.75	87.64	92.15	88.16	78.26	70.20	64.75	77.49	73.02	68.16	79.28
Ergoty	72.29	77.94	75.75	78.64	83.15	79.16	69.26	61.20	55.75	68.49	64.02	59.16	70.28
	FLAXSEED - Winnipeg Commodity Exchange Basis in Store Thunder Bay												
1 Canada	310.15	307.26	323.03	293.94	309.39	310.03	300.02	289.45	280.13	272.51	260.94	246.90	291.79
2 Canada	308.15	305.26	321.03	291.94	307.39	308.03	298.02	287.45	278.13	270.51	258.94	244.90	289.79
3 Canada	275.15	272.26	288.03	258.94	274.39	274.85	264.42	254.45	245.13	237.51	225.94	212.35	256.76
	CANOLA/RAPESEED - Winnipeg Commodity Exchange Basis in Store Pacific Coast												
1 Canada	330.11	335.24	313.57	314.19	321.75	321.27	304.17	295.17	283.29	282.19	267.80	252.73	301.40
2 Canada	317.11	322.24	300.57	301.19	308.75	308.27	291.17	282.12	270.29	269.19	254.80	239.73	288.39

Table 24
NON-BOARD GRAIN PRICES, 1985-86

	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Year
	- dollars per tonne -												
LETHBRIDGE													
Wheat	149.18	138.52	135.95	132.65	131.18	123.46	127.50	123.09	120.52	119.78	121.99	119.78	128.63
Oats	138.11	127.09	126.44	131.63	132.28	127.09	125.79	118.01	117.36	119.31	119.96	115.42	124.87
Barley	133.66	120.80	121.71	120.80	119.88	114.82	107.48	100.13	97.83	101.05	107.94	107.94	112.84
CALGARY													
Wheat	153.59	144.40	141.10	130.81	130.07	126.40	123.09	120.89	119.05	118.32	120.15	119.78	128.97
Oats	132.28	123.20	121.25	119.31	119.31	120.61	119.31	116.07	114.12	114.12	114.12	112.18	118.82
Barley	127.23	114.82	117.58	112.07	111.15	108.39	101.05	95.08	94.16	94.62	99.21	95.08	105.87
RED DEER													
Wheat	142.20	139.26	132.65	130.07	127.50	128.60	124.93	121.62	117.58	116.11	115.74	117.21	126.12
Oats	111.53	101.80	101.15	103.75	103.10	105.04	103.10	99.21	93.37	90.78	92.72	92.08	99.80
Barley	124.01	113.91	110.23	106.10	102.88	104.26	92.78	90.94	87.27	87.73	96.91	94.62	100.97
VERMILION													
Barley	115.74	104.72	103.34	101.05	99.21	98.75	92.78	87.73	82.67	84.51	90.94	89.56	95.92
EDMONTON													
Wheat	153.96	144.04	139.63	135.22	130.81	127.87	127.13	121.62	120.15	117.58	121.26	120.52	129.98
Oats	112.82	108.93	103.10	103.75	103.75	104.40	99.86	97.26	91.43	91.43	92.72	92.72	100.18
Barley	122.63	115.28	110.23	105.64	102.88	101.51	95.99	92.78	90.48	88.64	98.75	95.99	101.73
PEACE RIVER													
Wheat	156.16	144.40	141.46	138.16	138.16	138.16	133.01	128.97	128.97	128.97	125.30	125.30	135.58
Oats	113.47	113.47	103.10	106.99	106.99	106.99	108.29	109.58	109.58	104.40	104.40	104.40	107.64
Barley	124.47	123.55	111.15	105.64	105.64	105.64	104.26	98.75	92.78	86.81	89.56	90.02	103.19

Table 25
ESTIMATED SUPPLIES ON FARMS

	1983-84	1984-85	1985-86
	- '000 tonnes -		
WHEAT			
Carryover	500	480	260
Production	6 804	4 858	4 844
Total Supplies . . .	7 304	5 338	5 104
OATS			
Carryover	350	200	180
Production	1 049	987	972
Total Supplies . . .	1 399	1 187	1 152
BARLEY			
Carryover	1 560	570	450
Production	5 095	4 638	4 768
Total Supplies . . .	6 655	5 208	5 218
RYE			
Carryover	60	30	35
Production	210	137	124
Total Supplies . . .	270	167	159
FLAXSEED			
Carryover	8	3	7
Production	28	31	28
Total Supplies . . .	36	34	35
CANOLA/RAPESEED			
Carryover	15	3	40
Production	1 066	1 366	1 247
Total Supplies . . .	1 081	1 341	1 287

Table 26
STOCKS OF GRAIN ON FARMS AT JULY 31

	Wheat	Oats	Barley	Rye	Flaxseed	Canola/ Rapeseed
	- '000 tonnes -					
1963	326	401	348	8	5	N
1964	544	586	544	13	5	/
1965	572	355	435	20	5	A
1966	626	386	435	25	10	
1967	1 089	463	675	18	10	9
1968	1 415	339	631	20	3	18
1969	2 313	447	1 393	25	5	4
1970	2 722	555	1 676	36	5	2
1971	1 851	478	631	46	53	2
1972	1 034	370	653	51	18	79
1973	544	339	827	18	3	2
1974	408	278	566	25	5	16
1975	354	231	479	36	13	34
1976	299	262	544	41	13	136
1977	1 334	308	631	25	5	11
1978	599	386	1 350	25	3	14
1979	1 361	355	1 393	97	5	91
1980	680	231	501	56	3	130
1981	355	230	610	20	10	170
1982	1 010	230	1 070	38	3	34
1983	500	350	1 560	60	8	15
1984	480	200	570	30	3	3
1985	260	180	450	35	7	40
1986	200	170	400	35	2	85

Table 27
FORAGE SEED CROPS INSPECTED FOR PEDIGREE STATUS

	1985	1986
	- acres -	
Alfalfa	13,885	11,888
Alsike Clover	1,220	1,167
Altai Wild Ryegrass	340	265
Birdsfoot Trefoil	450	583
Bromegrass	3,825	4,150
Cicer Milkvetch	80	79
Creeping Red Fescue	4,630	5,282
Crested Wheatgrass	405	2,130
Orchardgrass	105	225
Red Clover (single cut)	580	437
Reed Canarygrass	25	25
Sainfoin	30	28
Timothy	7,515	6,103

Table 28
FORAGE SEED PRODUCTION COMMERCIAL AND PEDIGREE

	1985	1986
	- '000 kg -	
Alfalfa	3 000	2 700
Alsike Clover	1 250	1 300
Bromegrass	700	700
Creeping Red Fescue	3 500	4 000
Crested Wheatgrass	35	150
Red Clover (single cut)	1 300	1 500
Sweet Clover	100	200
Timothy	1 200	1 400

Table 29
PROCESSED ALFALFA PRODUCTION

	Total Production	Exports	Value F.O.B. Plant
	- tonnes -		$'000
1974-75	82 000	14 000	6,300
1975-76	97 000	29 000	8,200
1976-77	130 000	83 000	12,000
1977-78	166 000	87 000	13,800
1978-79	164 000	114 000	13,600
1979-80	181 000	130 000	17,900
1980-81	139 000	80 000	18,500
1981-82	122 000	68 000	13,500
1982-83	132 000	94 000	16,800
1983-84	201 000	151 000	28,600
1984-85	229 000	165 000	32,800
1985-86	166 000	128 000	22,400

Table 30
TAME HAY PRODUCTION

	Area	Yield Per Acre	Production
	'000 ac.	- kilograms -	'000 tonnes
1982	3,500	1 580	5 535
1983	3,700	1 765	6 530
1984	3,900	1 630	6 350
1985	3,900	1 185	4 625
1986	4,000	1 978	7 893

Table 31
FODDER CORN PRODUCTION

		1985	1986
Area	ac.	27,000	25,000
Yield	kg/ac.	14 445	18 140
Production	tonnes	390 000	453 000
Average Value	$/tonne	35.00	19.60

Table 32
DRY BEAN PRODUCTION

	Area	Yield Per Acre	Production
	acres	- kilograms -	tonnes
1982	8,154	515	4 199
1983	2,830	742	2 100
1984	4,800	667	3 200
1985	7,550	615	4 650
1986	11,682	739	8 632

Note: Dry bean yield and production data are on a cleaned or net basis.

Table 33
SUGAR BEET INDUSTRY

		1984	1985*	1986
Contracted	ac.	32,075	-	30,504
Planted	ac.	31,559	-	29,711
Harvested	ac.	28,830	-	28,493
Production	tonnes	513 197	-	596 122
Average Yield	kg/ac.	17 800	-	20 960
Paid for Beets	$/tonne	31.49	-	39.96
Sugar Content	%	15.4	-	16.5
Sugar Produced	kg/tonne	99.4	-	111.0
Sugar Produced	kg/ac.	1 770	-	2 450

* No sugar beets were planted in 1985.

Table 34
COMMERCIAL VEGETABLE PRODUCTION

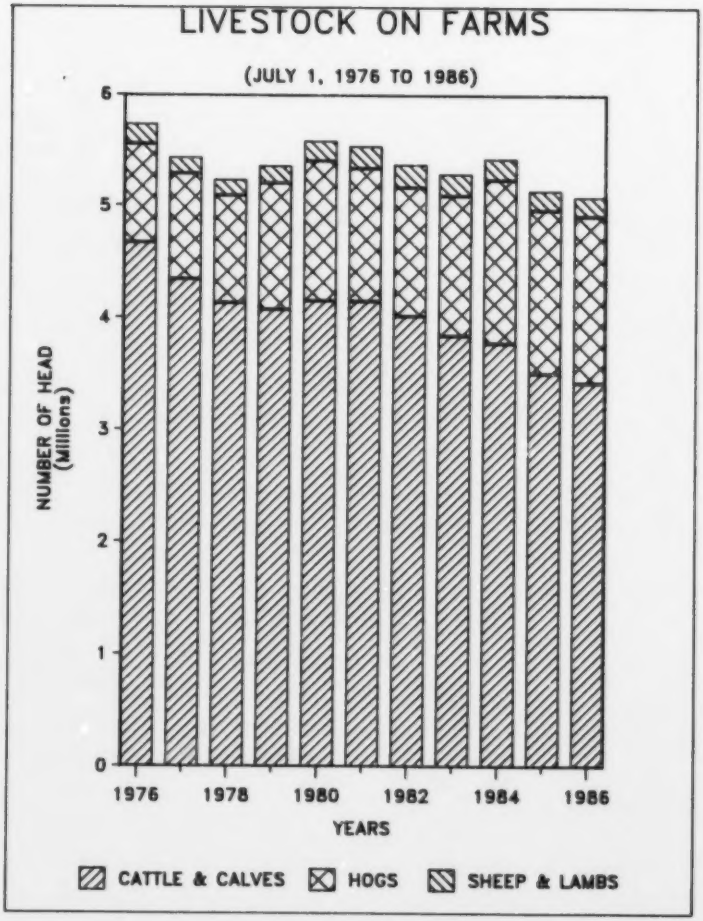
	Area		Production	
	1985	1986	1985	1986
	- acres -		- tonnes -	
Cabbage	1,015	523	4 534	5 432
Carrots	1,077	859	5 481	6 256
Corn, fresh	1,020	1,044	2 770	3 132
Cucumbers	209	275	819	668
Onions	221	207	1 234	1 401
Rutabagas	184	139	1 402	1 635
Potatoes	23,800	23,000	218 000	269 413

LIVESTOCK

Probably the most notable event in livestock production in North America during 1986 was the U.S. government's dairy herd reduction program. Introduced in January, it provided for the buy-out of entire dairy herds from operators who agreed to stay out of dairy production for the next five years. The program resulted in a sharp rise in beef production, particularly in the second quarter which may have prevented major price improvements.

On the domestic scene, the tripartite red meat price stabilization scheme came into effect at mid-year with five provinces, including Alberta, enrolled. Also, the Alberta Feed Grain Market Adjustment Program completed its first year of operation, with profound effect on the prices of feeder animals. Total estimated cash receipts to Alberta farmers from livestock operations, supplemented by such assistance programs, rose about two per cent over 1985 receipts.

Low yields during the summer of 1985 due to extremely dry weather in many areas of the province seriously reduced the availability of hay for the 1985-86 winter feeding period. Fortunately for livestock producers, feed requirements were greatly reduced by mild winter conditions that, together with abundant supplies of low-cost grains, averted potentially catastrophic shortfalls in the drier areas of the province. Owing to these circumstances most producers were able to feed more than the usual quantities of grain all through winter until the start of spring. In addition, many producers had enough feed to carry their livestock well into the spring, allowing their pastures to regenerate properly before pasturing their animals. Livestock were generally reported in good to excellent condition at the termination of the winter feeding period.



Although snowfall over the 1985-86 winter was only below-average to average, soil moisture levels in the spring were rated as good to excellent in most regions because of above normal precipitation during the fall of 1985. The only deficient areas were the South Central and North Central Regions which were in need of rain at the start of spring. Winter kill damage to alfalfa was negligible in most districts.

Cool, wet weather prevailed through April and May and considerably enhanced pasture regeneration. However, blizzards occurred in May that temporarily hampered field operations. Soil moisture was in good to excellent supply in all regions of Alberta by the end of May. Persistent cool, wet conditions throughout the month of June promoted plant growth. Pastures responded well to the near-ideal weather and were in excellent condition all across the province as June ended.

The weather remained unchanged well into July, with 5 to 10 cm of rain being recorded during the first two weeks of the month. This reduced the quality of the first cuts of hay. However, the cool weather helped sustain plant growth in southern Alberta despite a lack of precipitation in the latter part of July. The month of August was warm and dry throughout the province, hastening plant growth and development. Adverse weather during September and the first half of October greatly impeded field work in most regions but with the return of warm, dry conditions in the second half of October rapid progress was made in forage preparation. By the first snowfall of the 1986-87 winter season in early November, haying and silage-making operations were over 98 per cent complete province wide.

Overall, pasture conditions and feed and forage production in 1986 were substantially better than in 1985. Pastures were good to excellent in most regions for most of the summer. Fodder corn production increased 16 per cent over 1985 levels to 454 000 tonnes, despite a decrease in planting area of 2,000 acres. Tame hay production, from 4 million acres, amounted to 7.9 million tonnes, compared to 4.6 million tonnes from 3.9 million acres in 1985. Hay quality was generally adequate, albeit poorer than average.

At the onset of the 1986-87 winter, feed supplies were adequate to surplus in nearly all districts of the province, ensuring sufficient reserves for winter feeding. Livestock went into the winter in mostly excellent condition.

Prices

The earlier decision by the Canadian Import Tribunal to impose countervailing duties on subsidized European manufacturing grade beef was ratified in late July. With it, levies of 89 cents and 71 cents per pound on beef from Ireland and Denmark, respectively, were approved. Following the ratification, slaughter cattle prices strengthened markedly as a result of reduced meat import, coupled with the effects of a revision to the U.S. dairy buy-out program. By the end of 1986, prices were at the year's highest levels. In Calgary, for instance, A1,2 slaughter steers averaged $79.89 per cwt. in November, $11.62 per cwt. more than the June price. The late-year rally notwithstanding annual average slaughter cattle prices generally fell below 1985 levels.

For the second consecutive year, feeder cattle prices were very strong and relatively steady, undoubtedly buoyed by the combined effects of low feed prices and the Alberta Feed Grain Market Adjustment Program. The annual average price of feeder steers (800 lbs. and over) rose by 6.5 and 2.8 per cent in Calgary and Edmonton over 1985 prices, respectively. Most other feeder grades showed similar, or in some cases more pronounced, increases.

After consistent declines since 1982, slaughter hog prices rebounded in 1986, particularly during the latter half of the year. Dressed index 100 hog prices average $12.55 per cwt. or 19.2 per cent, higher than 1985 prices. However, the average price of $77.88 per cwt. was still 5.3 per cent lower than the 1982 record price. Feeder hog prices were also much higher than year earlier levels, in most grades by more than 50 per cent.

Sheep and lamb prices remained very strong following record prices in 1984 and 1985. At $80.13 per cwt., A and B (80-100 lbs.) lambs in Edmonton averaged higher than any previous year except 1985 when the record of $80.72 per cwt. was attained. Sheep (D1,2) and feeder lamb prices rose to all-time highs of $50.64 and $89.14 per cwt., respectively.

Marketings

The number of cattle and calves of Alberta origin marketed in 1986 for slaughter totalled 1,193,975 head, down by 115,415 head from 1985. Slaughter steer and heifer marketings decreased from 1,088,499 head to 1,004,307 head. Significantly, between 1985 and 1986, female marketings (cows and heifers) as a proportion of total marketings dropped from 51.7 per cent to 47.4 per cent while the corresponding proportion of steers rose from 47.2 per cent to 51.2 per cent.

Cattle and calf slaughter in inspected establishments decreased by 11 per cent from 1985, to 1,149,113 head. The estimated cold carcass output of beef and veal from the slaughter was 703 million pounds, compared with 779 million pounds in 1985. The decrease in output was partly due to reduced slaughter weights.

Shipments of live cattle and calves to out-of-province destinations decreased by 3 per cent in 1986 from 1985, to 351,609 head. Despite this overall reduction, shipments of slaughter animals increased from 116,552 head to 205,545 head.

Inspected hog slaughter totalled 1,530,047 head, a decrease of 10 per cent from a year earlier. Estimated pork production (cold dressed weight basis) declined to 209 million pounds from the 1985 level of 234 million pounds. A total of 1,843,179 slaughter hogs were marketed in Alberta in 1986, down 2 per cent from 1985.

Sheep and lamb marketings were up by 15,986 head from 1985 marketings, to 69,302 head. Federally and provincially inspected slaughter totalled 82,411 head compared with 91,664 head a year earlier. Estimated cold carcass production of lamb and mutton decreased to 4.1 million pounds from 4.4 million pounds in 1985.

Numbers

The results of the census of agriculture conducted on June 3, 1986 revealed a total of 3,827,143 cattle and calves on Alberta farms. This reflected a decrease of 8.7 per cent from the 1981 census total of 4,192,929 head. On a year-to-year basis, July 1, estimates showed a decline of 2.4 per cent from 1985, to 3,425 head, marking the sixth straight annual decrease.

Estimated hog numbers as at July 1, 1986 were down by 3.9 per cent from July 1, 1985. The breeding herd decreased from 158,500 head to 155,000 head while the number of feeders and market pigs declined from 1,361,500 head to 1,305,000 head. Census results, though, showed a rise in the total hog population of 12.1 per cent between 1981 and 1986, from 1,199,397 head to 1,454,824 head.

The July 1, 1986 estimate of sheep and lamb numbers was 172,000 head, down 2.3 per cent from the July 1, 1985 estimate of 176,000 head. A five-year decline of 11.0 per cent in the sheep and lamb population was revealed by the census as numbers dropped from 201,294 in 1981 to 179,123 in 1986.

Table 35
COWS BRED BY ARTIFICIAL INSEMINATION

Breed of Sire	1985[r] Total Cows	1986 Total Cows
Ayrshire	283	338
Brown Swiss	259	38
Guernsey	110	85
Holstein-Friesian	10,275	11,736
Jersey	885	851
Other	40	3
Total Dairy	11,852	13,051
Aberdeen Angus (Black)	1,211	870
Aberdeen Angus (Red)	512	65
Blonde d'Aquitaine	16	3
Charolais	599	528
Gelbvieh	267	44
Hays Converter	4	0
Hereford	2,217	1,906
Limousin	590	236
Maine Anjou	83	73
Murray Grey	55	19
Pinzgauer	53	15
Salers	373	193
Shorthorn	71	97
Simmental	1,026	616
Other	744	1,822
Total Beef	7,821	6,487
Grand Total	19,673	19,538

Note: These totals do not include semen sold directly to owner - inseminators or semen purchased and resold.

[r] Revised

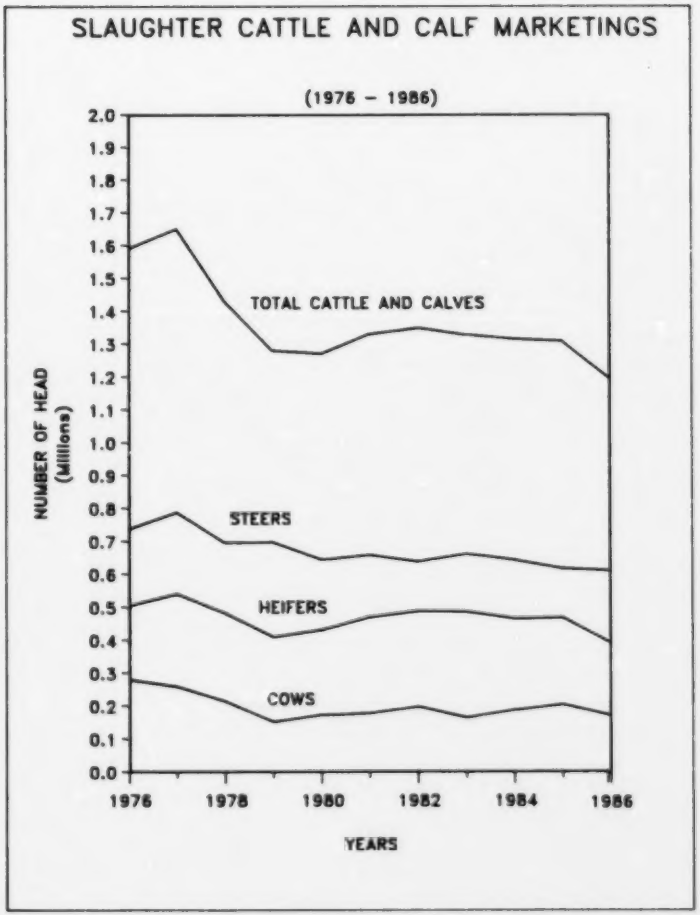


Table 36
CATTLE AND CALVES ON FARMS, JULY 1

1985

Census Division	Bulls	Milk Cows	Dairy Heifers	Beef Cows	Beef Heifers For Breeding	Calves	Heifers For Slaughter	Steers	Total
					- thousands -				
1	3.8	3.5	1.0	60.0	9.5	53.0	12.0	16.0	158.8
2	6.9	14.7	4.5	98.0	12.8	85.0	50.0	83.0	354.9
3	5.8	7.9	2.2	88.0	16.5	76.0	18.0	30.0	244.4
4	5.3	3.3	0.5	94.0	13.5	78.0	11.0	16.0	221.6
5	4.6	5.3	1.1	64.0	8.5	55.0	20.0	50.0	208.5
6	8.1	11.3	3.4	105.0	18.6	96.0	26.0	67.0	335.4
7	7.4	7.5	2.2	117.0	16.5	99.0	21.0	35.0	305.6
8	8.8	22.5	7.4	134.0	23.5	126.0	40.0	63.0	425.0
9	-	-	-	5.0	0.6	3.0	-	-	8.6
10	7.9	15.7	4.0	112.0	16.1	100.0	17.0	32.0	304.7
11	5.9	31.7	13.1	90.0	15.0	89.0	17.0	37.0	298.7
12	3.6	7.7	1.4	64.0	9.0	57.0	8.0	11.0	161.7
13	5.8	14.2	4.9	110.0	16.8	97.0	11.0	26.0	285.7
14	0.8	1.2	0.5	14.0	2.3	11.0	3.0	3.0	35.8
15	4.3	6.5	1.8	65.0	11.0	55.0	6.0	11.0	160.6
Province	79.0	153.0	48.0	1,220.0	190.0	1,080.0	260.0	480.0	3,510.0

Census Division	Bulls	Milk Cows	Dairy Heifers	Beef Cows	Beef Heifers For Breeding	Calves	Heifers For Slaughter	Steers	Total	1986 as % 1985
					1986 - thousands -					
1	3.9	3.2	0.8	57.0	9.2	51.0	13.0	15.0	153.1	96.4
2	6.3	19.0	5.8	79.0	12.1	78.0	51.0	77.0	328.2	92.5
3	5.7	7.7	2.2	80.0	15.3	72.0	21.0	29.0	232.9	95.3
4	5.3	1.2	0.3	97.0	14.6	81.0	5.0	13.0	217.4	98.1
5	4.5	4.8	1.2	58.0	7.4	50.0	22.0	46.0	193.9	93.0
6	7.5	11.7	3.6	105.0	18.3	94.0	30.0	65.0	335.1	99.9
7	7.5	6.5	1.8	109.0	15.9	93.0	26.0	37.0	296.7	97.1
8	9.5	25.2	8.6	128.0	21.9	127.0	42.0	66.0	428.2	100.8
9	-	-	-	6.0	0.8	4.0	-	-	10.8	125.6
10	8.1	14.8	3.7	115.0	16.5	102.0	15.0	25.0	300.1	98.5
11	5.1	35.4	14.3	85.0	16.8	88.0	13.0	27.0	284.6	95.3
12	3.4	5.3	1.4	70.0	11.6	58.0	3.0	8.0	160.7	99.4
13	5.8	14.3	4.5	117.0	19.3	100.0	7.0	17.0	284.9	99.7
14	0.9	1.5	0.6	16.0	3.3	13.0	2.0	2.0	39.3	109.8
15	4.5	4.4	1.2	68.0	12.0	56.0	5.0	8.0	159.1	99.1
Province	78.0	155.0	50.0	1,190.0	195.0	1,067.0	255.0	435.0	3,425.0	97.6

Table 37
SLAUGHTER CATTLE AND CALF MARKETINGS

1985

Month	Steers	Heifers	Cows	Bulls	Total Cattle	Calves	Total Cattle & Calves
				- number of head -			
Jan	43,159	45,333	22,338	643	111,473	550	112,023
Feb	40,818	29,880	20,221	474	101,393	401	101,794
Mar	61,145	47,194	19,306	912	128,557	613	129,170
Apr	46,076	36,856	14,544	892	98,368	506	98,874
May	51,502	44,590	11,905	632	108,629	544	109,173
Jun	66,992	51,870	16,495	1,019	136,376	557	136,933
Jul	55,427	41,623	16,102	939	114,091	376	114,467
Aug	56,530	36,430	14,039	925	107,924	460	108,384
Sep	69,114	39,866	16,371	1,029	126,380	7	126,387
Oct	45,666	23,173	14,820	821	84,480	149	84,629
Nov	37,431	28,038	19,725	1,045	86,239	7	86,246
Dec	44,025	35,761	20,551	808	101,145	165	101,310
Total	617,885	470,614	206,417	10,139	1,305,055	4,335	1,309,390

Note: These data represent cattle and calves of Alberta origin slaughtered within and outside Alberta.

1 9 8 6

Month	Steers	Heifers	Cows	Bulls	Total Cattle	Calves	Total Cattle & Calves
				- number of head -			
Jan	42,053	33,319	22,144	632	98,148	533	98,681
Feb	46,381	37,912	19,516	615	104,424	539	104,963
Mar	55,884	39,751	15,085	754	111,474	573	112,047
Apr	46,148	36,889	10,756	680	94,473	668	95,141
May	50,832	36,412	10,149	712	98,105	461	98,566
Jun	68,660	36,013	12,724	761	118,158	572	118,730
Jul	50,970	27,241	10,262	795	89,268	480	89,748
Aug	49,291	25,675	9,378	681	85,025	443	85,468
Sep	60,700	30,899	12,958	1,125	105,682	690	106,372
Oct	43,455	19,603	10,440	728	74,226	604	74,830
Nov	38,511	29,761	16,347	836	85,455	629	86,084
Dec	58,095	39,852	23,451	1,193	122,591	754	123,345
Total	610,980	393,327	173,210	9,512	1,187,029	6,946	1,193,975

Note: These data represent cattle and calves of Alberta origin slaughtered within and outside Alberta.

Table 38
AVERAGE MONTHLY CATTLE PRICES, EDMONTON

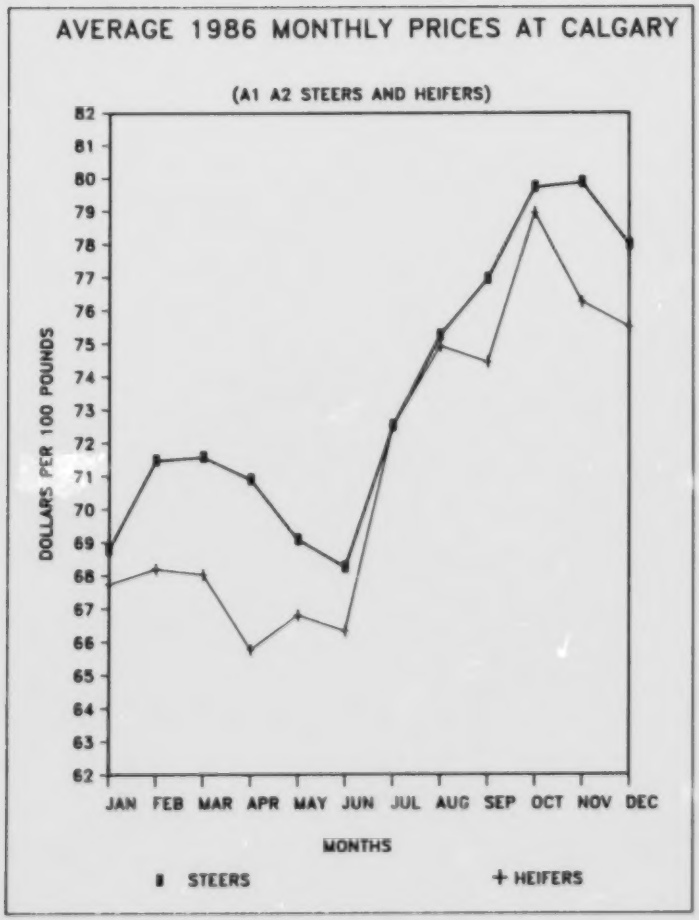
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	- dollars per 100 pounds -												
	1985												
Slaughter Cattle													
Steers													
A1,2 1000 lbs+ . .	77.49	74.09	75.44	74.72	74.19	73.88	66.32	65.85	66.83	74.79	76.90	74.93	72.79
A1,2 -1000 lbs . .	75.07	75.00	73.07	72.56	71.09	72.29	65.64	64.82	66.30	77.20	79.90	74.42	71.68
A3,4	-	-	-	-	-	-	-	-	-	-	-	67.00	67.00
B & C.	61.08	62.66	65.81	63.15	63.63	64.16	59.09	53.34	57.67	64.32	62.50	60.30	61.11
Heifers													
A1,2 850 lbs+. . .	72.20	69.39	71.51	70.80	70.78	70.07	64.17	64.43	67.18	72.09	73.16	71.38	70.33
A1,2 -850 lbs. . .	70.33	68.36	68.36	68.50	68.70	68.78	64.74	66.00	69.01	71.98	72.15	69.81	68.73
A3,4	-	-	-	-	-	-	-	-	-	-	-	64.00	64.00
B & C.	52.31	55.85	54.84	58.69	57.99	56.08	56.17	49.93	52.11	54.67	52.53	56.93	54.84
Cows													
D1,2	45.54	48.97	53.07	50.94	51.49	49.29	47.44	45.03	43.77	42.22	40.84	44.95	46.48
D3,5	38.27	43.28	47.50	46.56	43.73	45.12	43.14	40.28	38.79	37.03	36.14	39.30	41.24
D4	38.89	44.62	47.35	46.26	47.83	44.30	41.93	40.19	39.06	35.63	35.65	36.00	39.72
Bulls	53.01	59.45	62.28	60.00	58.08	61.46	59.38	56.32	54.52	53.95	52.82	53.71	56.85
Feeders													
Good Steers													
800 lbs+	78.00	77.25	77.95	75.74	76.19	77.85	73.31	71.83	73.70	76.20	77.24	79.40	76.12
700-800 lbs. . . .	80.73	80.10	79.74	79.23	79.40	81.32	78.23	74.87	77.61	79.67	80.11	80.64	79.55
600-700 lbs. . . .	82.59	81.42	81.29	81.25	81.88	84.95	78.32	77.19	78.79	82.22	81.22	80.68	81.33
Off Type 600 lbs+.	62.94	63.99	68.57	69.34	69.61	71.19	61.29	61.26	66.25	87.15	63.40	64.20	65.96
Heifers Graded													
700 lbs+	71.38	71.19	71.90	70.68	71.11	72.68	67.27	67.74	70.00	70.00	71.38	72.08	70.76
600-700 lbs. . . .	73.60	72.82	73.43	73.39	73.38	74.92	71.45	70.41	72.54	73.00	73.31	72.88	73.14
500-600 lbs. . . .	74.22	74.00	74.68	73.10	75.63	77.42	73.06	71.18	73.24	74.60	74.61	73.28	74.51
Off Type 500 lbs+.	59.04	59.68	62.92	64.40	63.02	63.65	58.48	58.52	63.04	62.68	59.58	64.37	61.82
Cows	43.53	46.79	47.74	47.97	47.85	49.07	44.34	43.07	51.23	43.43	41.10	44.64	45.36

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	- dollars per 100 pounds -												
	1986												
Slaughter Cattle													
Steers													
A1,2 1000 lbs+ . .	73.42	70.58	70.53	68.45	69.98	70.77	72.89	73.13	76.97	76.52	75.60	75.73	72.47
A1,2 -1000 lbs . .	-	-	-	-	68.07	-	-	-	-	-	-	-	68.07
A3,4	-	-	-	-	-	-	-	-	-	-	-	-	-
B & C.	60.34	54.36	60.52	58.50	58.26	60.19	62.23	62.70	67.97	67.33	67.21	65.00	61.48
Heifers													
A1,2 850 lbs+. . .	68.75	69.07	66.40	65.05	66.83	68.98	71.15	72.22	75.70	74.11	73.05	71.38	69.89
A1,2 -850 lbs. . .	-	-	-	64.72	66.00	67.00	-	-	-	-	-	-	65.90
A3,4	-	-	-	-	-	-	-	-	-	-	-	-	-
B & C.	55.23	55.18	55.77	54.95	54.22	54.18	56.94	56.14	58.95	55.53	61.92	61.18	56.37
Cows													
D1,2	44.19	47.81	50.11	47.02	46.34	47.05	49.50	51.26	51.30	46.32	46.85	46.74	47.79
D3,5	40.18	42.41	45.44	41.14	42.21	41.55	43.95	45.94	46.16	42.44	42.55	42.44	43.23
D4	39.46	42.80	41.49	39.54	37.71	39.45	41.50	44.81	44.19	38.45	38.77	42.72	40.73
Bulls	56.59	59.04	61.54	59.21	59.48	61.19	62.75	60.84	58.73	56.17	54.31	54.23	58.35
Feeders													
Steers Graded													
800 lbs+	77.59	78.55	77.00	73.73	75.65	74.09	80.62	82.11	86.67	82.56	83.29	83.78	78.28
700-800 lbs. . . .	80.13	82.62	80.15	77.62	79.53	80.47	86.29	87.98	89.99	87.60	87.23	89.98	82.84
600-700 lbs. . . .	83.42	83.60	82.35	80.73	83.74	86.37	85.78	92.49	89.94	97.26	92.68	92.65	87.94
Off Type 600 lbs+ .	66.31	67.24	64.45	64.80	64.86	66.03	73.51	77.46	77.63	74.31	72.96	66.08	67.80
Heifers Graded													
700 lbs+	71.25	72.60	70.83	70.70	70.90	70.88	76.39	79.82	82.66	77.83	76.26	73.21	73.37
600-700 lbs. . . .	75.04	75.09	74.40	74.02	74.44	76.96	82.66	82.56	82.21	84.46	81.00	82.90	77.33
500-600 lbs. . . .	76.19	77.40	76.97	75.49	77.14	79.92	84.00	87.48	82.36	93.95	89.54	89.10	83.78
Off Type 500 lbs+ .	59.86	62.56	63.79	61.40	64.40	62.37	66.42	73.02	73.14	68.54	69.33	63.26	64.45
Cows	44.75	46.01	47.61	46.70	48.92	46.28	52.46	52.57	51.35	50.93	47.65	49.66	48.04

Table 39
AVERAGE MONTHLY CATTLE PRICES, CALGARY

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	- dollars per 100 pounds -												
	1985												
Slaughter Cattle													
Steers													
A1,2 1000 lbs+ . .	78.57	76.65	76.08	77.10	76.57	74.28	68.38	64.52	68.33	75.97	78.25	77.21	74.18
A1,2 -1000 lbs . .	75.75	-	75.75	74.92	73.67	72.36	67.95	-	66.00	74.97	77.00	-	73.08
A3,4	75.15	72.96	72.66	72.45	71.87	69.70	65.40	64.09	66.25	73.13	74.88	74.43	70.69
B & C.	66.18	68.81	66.09	68.42	66.32	65.30	59.68	60.77	60.71	66.68	68.01	66.17	65.22
Heifers													
A1,2 850 lbs+. . .	73.85	73.00	73.30	72.74	71.10	70.95	66.49	64.54	65.86	73.90	75.48	73.69	71.27
A1,2 -850 lbs. . .	73.25	73.00	71.60	-	70.08	70.67	65.00	65.50	-	74.92	78.00	-	69.44
A3,4	69.98	70.00	70.20	69.23	65.56	67.19	63.25	59.00	64.10	72.42	72.79	71.46	68.99
B & C.	58.35	60.43	61.17	61.07	62.50	60.22	56.83	55.48	56.81	59.85	57.90	58.77	59.62
Cows													
D1,2	41.81	51.91	52.75	52.35	52.11	51.53	49.63	48.30	46.92	44.90	42.53	44.55	48.58
D3,5	41.70	48.24	49.26	48.12	47.42	47.50	44.87	44.44	42.68	40.85	38.65	40.81	43.86
D4	41.11	45.29	44.98	44.33	45.99	45.15	42.21	40.00	42.03	37.26	37.36	37.98	42.22
Bulls	56.81	61.03	61.45	61.40	59.29	60.21	57.74	56.54	56.85	56.14	55.97	56.64	58.33
Feeders													
Good Steers													
800 lbs+	80.71	78.78	78.73	77.95	79.07	79.64	74.94	74.25	76.63	79.88	78.87	77.93	78.26
700-800 lbs. . . .	82.18	82.27	82.91	79.37	81.73	85.18	77.54	-	79.78	82.05	81.02	82.42	81.34
600-700 lbs. . . .	84.13	83.01	84.62	81.33	84.52	84.09	81.11	74.50	82.00	86.81	83.84	85.17	84.07
Off Type 600 lbs+ .	74.83	75.54	74.74	73.13	76.67	75.38	72.13	71.13	72.02	74.75	75.37	75.11	74.22
Heifers Graded													
700 lbs+	74.94	73.39	74.81	73.67	75.01	74.76	69.24	72.54	73.66	74.89	74.59	74.26	74.09
600-700 lbs. . . .	75.30	72.73	77.66	77.11	76.62	76.63	70.52	71.50	74.28	77.88	76.14	75.36	76.39
500-600 lbs. . . .	-	-	-	-	-	77.50	-	77.50	-	-	-	-	77.50
Off Type 500 lbs+ .	68.54	67.51	68.58	68.99	70.00	70.28	66.13	63.36	66.68	69.88	68.90	66.29	68.14
Cows	47.93	54.44	55.37	56.22	56.96	55.07	48.97	51.54	48.41	49.12	46.38	49.68	50.88

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
				- dollars per 100 pounds -									
						1986							
Slaughter Cattle													
Steers													
A1,2 1000 lbs+ . .	69.80	71.50	71.60	70.91	69.10	68.27	72.54	74.71	78.28	79.74	79.89	78.00	72.22
A1,2 -1000 lbs . .	-	-	-	-	-	-	-	-	69.75	79.35	78.00	-	72.84
A3,4	65.50	65.40	68.64	67.35	65.42	65.55	69.28	72.67	76.56	75.24	75.17	75.25	70.17
B & C.	60.50	63.98	63.47	61.40	63.32	61.18	60.00	67.17	71.94	65.62	69.79	67.51	64.26
Heifers													
A1,2 850 lbs+. . .	67.74	68.20	68.03	65.78	66.82	66.34	72.53	74.93	74.44	78.97	76.26	75.50	70.11
A1,2 -850 lbs. . .	-	67.25	-	-	-	-	70.00	-	-	77.00	-	-	72.81
A3,4	65.50	63.38	64.57	63.31	65.50	63.10	68.00	68.50	67.88	73.84	73.88	73.70	67.88
B & C.	58.58	58.95	60.45	55.72	53.71	54.13	62.42	61.15	57.11	60.79	58.44	61.05	58.72
Cows													
D1,2	45.53	50.29	53.55	48.18	51.32	49.19	51.80	51.97	51.89	50.38	48.66	49.68	50.01
D3,5	39.78	46.01	49.15	45.50	45.87	43.96	47.44	46.84	46.82	44.15	41.07	43.10	44.41
D4	37.25	41.50	47.05	38.13	50.50	41.00	50.00	42.00	40.00	-	36.33	40.24	41.33
Bulls	56.36	61.06	62.81	60.54	60.42	59.75	62.38	62.09	59.11	57.00	55.80	57.44	59.52
Feeders													
Steers Graded													
800 lbs+	79.55	81.07	77.98	76.24	76.23	78.31	80.62	82.11	86.67	85.32	85.00	82.52	83.38
700-800 lbs. . . .	83.35	84.31	80.52	76.98	80.37	83.00	86.29	87.98	89.99	93.76	92.09	92.70	87.05
600-700 lbs. . . .	84.03	85.96	81.08	78.79	83.68	88.79	91.19	86.67	90.52	102.98	98.75	96.29	96.94
Off Type 600 lbs+ .	75.82	77.20	73.49	71.17	70.85	75.91	73.51	77.46	77.63	82.39	79.99	82.44	77.05
Heifers Graded													
700 lbs+	74.57	74.57	73.89	89.12	88.34	91.44	76.39	79.82	82.66	82.76	81.66	80.42	81.65
600-700 lbs. . . .	76.98	77.40	74.80	89.50	93.24	91.30	82.66	82.56	82.21	92.51	91.52	90.55	84.98
500-600 lbs. . . .	76.24	79.26	74.67	92.25	-	95.00	84.00	87.48	82.36	102.80	93.64	97.72	94.32
Off Type 500 lbs+ .	68.65	69.03	68.54	77.50	80.11	81.54	66.42	73.02	73.14	78.49	76.90	78.08	74.43
Cows	49.26	54.40	53.54	52.25	52.69	51.61	52.46	52.57	51.35	52.15	49.93	50.24	51.08


AVERAGE 1986 MONTHLY PRICES AT CALGARY
(A1 A2 STEERS AND HEIFERS)
DOLLARS PER 100 POUNDS
82
81
80
79
78
77
76
75
74
73
72
71
70
69
68
67
66
65
64
63
62
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTHS
STEERS
HEIFERS

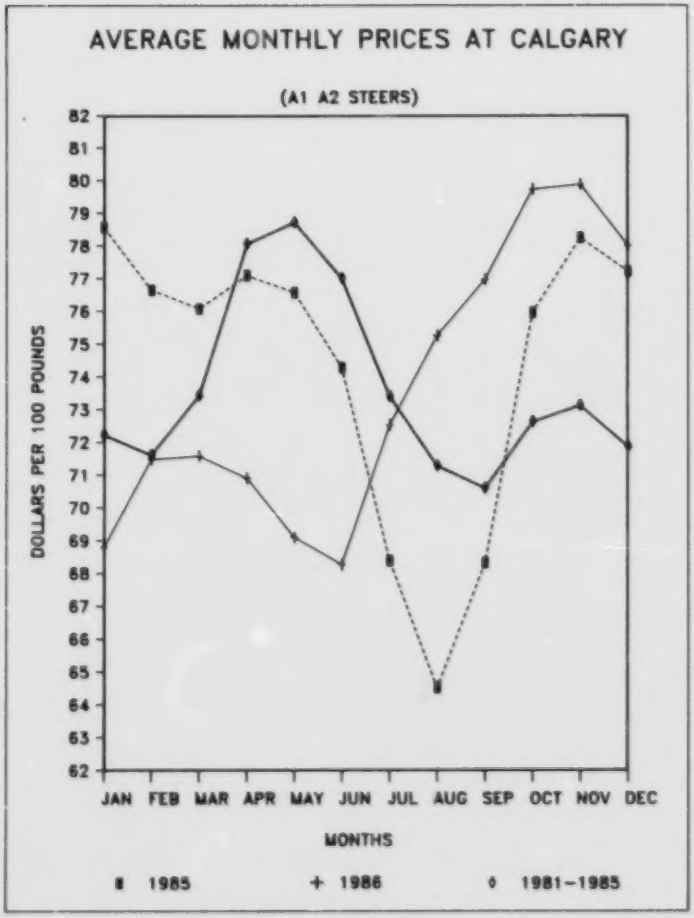

AVERAGE MONTHLY PRICES AT CALGARY
(A1 A2 STEERS)
DOLLARS PER 100 POUNDS
82
81
80
79
78
77
76
75
74
73
72
71
70
69
68
67
66
65
64
63
62
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTHS
1985
1986
1981-1985

Table 40
AVERAGE MONTHLY CALF PRICES, CALGARY

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	- dollars per 100 pounds -												
	1985												
Slaughter													
Good Veal	-	-	-	-	-	-	-	-	-	-	-	-	-
Good Butcher	-	-	-	-	-	-	-	-	-	-	-	-	-
Common all wts . . .	63.00	-	52.00	52.00	-	-	-	30.00	-	50.00	-	-	48.75
Feeders													
Steer Calves Graded													
500-600 lbs	84.26	84.67	88.87	85.96	79.07	89.89	82.78	-	85.00	88.67	87.71	84.93	87.63
400-500 lbs	84.13	84.82	89.55	88.43	81.73	87.92	84.63	86.61	85.80	88.35	87.94	86.81	87.84
-400 lbs	87.36	85.20	85.60	90.35	84.52	89.40	81.74	84.31	86.63	85.70	87.78	85.05	86.71
Off Type -600 lbs. .	76.02	77.63	79.70	79.21	76.67	81.02	76.16	75.56	79.14	77.86	77.25	77.76	77.82
Heifer Calves Graded													
400-500 lbs	77.08	77.26	79.16	78.21	77.87	76.78	76.00	83.00	77.30	78.78	79.86	77.29	78.79
300-400 lbs	75.16	77.40	79.84	78.28	76.38	78.33	74.08	78.88	76.97	79.18	79.72	77.17	79.05
-300 lbs	74.00	78.00	75.89	79.79	85.18	85.20	72.52	81.00	77.06	77.19	78.33	78.50	77.64
Off Type -500 lbs .	69.41	69.91	71.25	69.89	70.04	71.10	66.90	72.43	69.95	69.75	70.00	69.07	69.83
	1986												
Slaughter													
Good Veal	-	-	-	-	-	-	-	-	-	-	-	-	-
Good Butcher	-	-	-	-	-	-	-	-	-	-	-	-	-
Common all wts . . .	-	47.00	-	-	-	-	-	-	-	52.00	-	57.50	53.50
Feeders													
Steer Calves Graded													
500-600 lbs	85.25	88.34	84.92	89.12	88.34	91.44	96.50	95.63	104.98	107.05	104.77	102.66	101.71
400-500 lbs	90.11	92.63	87.19	89.50	93.24	91.30	96.67	111.25	110.26	108.06	106.99	106.41	105.71
-400 lbs	90.86	92.00	93.00	92.25	0.00	95.00	112.00	115.52	116.91	110.90	109.98	111.77	111.78
Off Type -600 lbs. .	77.60	79.48	75.60	77.50	80.11	81.54	72.57	89.56	92.15	97.02	91.74	93.33	91.31
Heifer Calves Graded													
400-500 lbs	79.52	79.53	78.86	79.18	81.11	83.81	88.61	92.61	100.35	101.51	98.92	98.78	95.20
300-400 lbs	79.46	80.48	85.42	81.95	79.50	87.86	88.79	103.86	107.94	103.83	102.05	104.84	101.12
-300 lbs	77.50	88.50	0.00	88.00	0.00	89.00	0.00	112.39	117.18	103.48	103.00	107.78	107.13
Off Type -500 lbs .	72.32	72.27	69.42	71.50	74.60	73.46	74.22	88.00	89.82	87.13	86.03	87.82	84.74

Table 41
AVERAGE MONTHLY CALF PRICES, EDMONTON

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	- dollars per 100 pounds -												
	1985												
Slaughter													
Good Veal	-	-	-	-	-	-	-	-	-	-	-	-	-
Good Butcher	-	-	-	-	-	-	-	-	-	-	-	-	-
Common all wts . . .	54.79	57.97	60.09	59.44	57.00	61.52	56.00	54.95	64.34	57.38	62.90	57.75	59.43
Feeders													
Steer Calves Graded													
500-600 lbs	83.05	83.03	84.71	85.55	86.88	88.64	81.02	78.28	83.38	84.92	84.68	82.68	84.25
400-500 lbs	84.03	84.63	86.89	88.29	89.14	88.49	83.03	81.50	86.54	86.25	86.50	83.87	85.91
-400 lbs	86.08	86.85	89.24	91.66	87.73	89.40	83.53	84.41	88.71	88.20	88.25	85.10	87.77
Off Type -600 lbs .	70.37	72.60	72.73	73.99	73.49	74.21	71.09	69.48	70.60	76.11	71.89	69.61	72.42
Heifer Calves Graded													
400-500 lbs	73.59	73.52	75.78	76.98	76.65	79.00	75.11	73.81	77.43	75.65	75.15	73.88	75.34
300-400 lbs	73.55	74.15	76.14	77.56	78.03	80.58	73.95	76.12	77.77	75.97	75.92	74.47	76.04
-300 lbs	71.96	73.67	78.22	78.64	78.48	73.77	74.40	75.21	74.39	75.69	76.68	76.13	76.21
Off Type -500 lbs. .	62.17	60.44	62.76	66.90	66.02	65.12	60.37	63.82	68.04	65.05	66.10	66.70	65.43
	1986												
Slaughter													
Good Veal	-	-	-	-	-	-	-	-	-	-	-	-	-
Good Butcher	-	-	-	-	-	-	-	-	-	-	-	-	-
Common all wts . . .	56.63	57.94	57.23	52.33	60.86	60.10	54.45	97.22	-	88.00	68.85	74.00	64.72
Feeders													
Steer Calves Graded													
500-600 lbs	85.59	87.84	89.06	87.10	89.69	92.20	91.80	98.08	102.37	102.35	101.09	97.90	97.21
400-500 lbs	88.24	90.34	93.68	90.13	92.20	93.41	95.44	102.09	106.63	104.95	104.30	102.07	102.29
-400 lbs	90.21	92.93	96.75	93.43	94.41	95.07	100.40	106.19	113.34	110.39	108.73	106.46	107.94
Off Type -600 lbs .	72.67	74.59	77.72	75.48	72.37	72.61	76.55	78.96	81.86	82.57	84.61	72.70	78.81
Heifer Calves Graded													
400-500 lbs	76.94	77.67	78.23	78.85	79.04	79.96	80.76	93.47	99.11	96.68	93.96	93.31	91.48
300-400 lbs	77.56	77.95	79.39	79.25	82.93	85.29	90.58	99.89	104.87	100.89	97.64	96.55	97.28
-300 lbs	79.00	0.00	89.50	0.00	0.00	0.00	85.50	112.00	104.33	98.46	99.89	95.30	98.09
Off Type -500 lbs. .	66.49	65.59	42.02	66.67	69.69	68.90	64.94	71.17	71.04	74.65	80.98	70.87	70.69

Table 42
BRAND INSPECTION RECORD OF LIVE CATTLE AND CALF SHIPMENTS OUT-OF-PROVINCE

	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	Maritimes	U.S.A.	Other	Total
				- number -					
				1986					
Feeders									
Bulls	156	890	38	33	7	0	76	0	1,200
Cows	148	620	0	357	0	0	13	0	1,138
Heifers	1,150	4,666	0	38,379	61	3	1,002	0	45,261
Steers	2,019	6,909	152	43,207	5,156	0	1,874	0	59,317
Calves	51	1,815	0	22,511	529	0	32	0	24,938
Yearlings	44	720	56	2,525	0	0	67	0	3,412
Total	3,568	15,620	246	107,012	5,753	3	3,063	0	135,266
Slaughter									
Bulls	3,452	4,742	173	1,261	0	0	3,573	0	13,201
Cows	2,201	14,606	0	2,770	0	0	1,220	0	20,797
Heifers	9,476	3,233	1,399	11,227	0	0	54,705	0	80,040
Steers	4,302	16,976	7,280	9,567	203	0	53,095	0	91,423
Calves	8	5	0	30	0	0	0	0	43
Yearlings	0	0	0	41	0	0	0	0	41
Total	19,439	39,562	8,852	24,896	203	0	112,593	0	205,545
Replacement									
Bulls	557	327	34	68	9	4	1,112	18	2,129
Cows	1,681	1,418	25	293	43	6	295	12	3,773
Heifers	1,804	693	19	488	44	4	675	82	3,809
Calves	550	292	5	69	33	0	126	12	1,087
Total	4,592	2,730	83	918	129	14	2,208	124	10,798
All Classes	27,599	57,912	9,181	132,826	6,085	17	117,865	124	351,609

	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	Maritimes	U.S.A.	Other	Total
				- number -					
				1985					
Feeders									
Bulls	74	709	0	168	2	0	150	0	1,103
Cows	266	494	0	602	34	0	10	0	1,406
Heifers	1,140	3,035	0	43,526	443	0	28,271	0	76,415
Steers	2,424	5,668	249	60,522	4,934	0	33,219	0	107,016
Calves	167	1,318	0	39,655	1,222	0	1,056	0	43,418
Yearlings	72	313	0	2,494	0	0	492	0	3,371
Total	4,143	11,537	249	146,967	6,635	0	63,198	0	232,729
Slaughter									
Bulls	2,968	3,555	600	843	3	0	6,118	0	14,087
Cows	2,406	17,231	227	1,931	20	0	4,206	0	26,021
Heifers	2,247	3,591	2,402	3,362	0	0	22,419	18	34,039
Steers	2,753	14,792	3,558	5,305	0	0	15,733	0	42,141
Calves	38	34	0	96	0	0	0	0	168
Yearlings	0	96	0	0	0	0	0	0	96
Total	10,412	39,299	6,787	11,537	23	0	48,476	18	116,552
Replacement									
Bulls	494	355	75	126	6	1	1,161	147	2,365
Cows	1,876	632	80	379	61	5	833	6	3,872
Heifers	1,383	225	107	955	277	98	1,711	632	5,388
Calves	680	188	273	271	38	0	628	1	2,079
Total	4,433	1,400	535	1,731	382	104	4,333	786	13,704
All Classes	18,988	52,236	7,571	160,235	7,040	104	116,007	804	362,985

Table 43
HOGS ON FARMS, JULY 1

Census Division	Breeding Stock 6 Months & Over		All Other Pigs		Total Pigs		
	1985[r]	1986	1985[r]	1986	1985[r]	1986	1986 as % 1985
	- thousands -						%
1	3.7	4.4	29.4	38.1	33.1	42.5	128.4
2	18.6	20.2	160.4	172.3	179.0	192.5	107.5
3	10.1	10.5	88.2	83.8	98.3	94.3	95.9
4	2.0	2.4	15.0	19.8	17.0	22.2	130.6
5	14.6	17.4	132.3	152.9	146.9	170.3	115.9
6	7.0	8.0	55.0	60.5	62.0	68.5	110.5
7	7.3	7.8	54.5	53.7	61.8	61.5	99.5
8	28.7	25.1	226.9	204.7	255.6	229.8	89.9
9	-	-	-	-	-	-	
10	16.4	15.7	135.9	126.2	152.3	141.9	93.2
11	15.6	16.0	135.6	141.9	151.2	157.9	104.4
12	9.6	10.6	81.1	84.8	90.7	95.4	105.2
13	15.5	16.5	139.0	144.1	154.5	160.6	104.0
14	0.4	0.4	3.6	3.4	4.0	3.8	95.0
15	5.5	5.5	48.1	43.3	53.6	48.8	91.0
Province	155.0	160.5	1,305.0	1,329.5	1,460.0	1,490.0	102.1

[r] revised

Table 44
HOG MARKETINGS

Month	114 & 113	112 & 110	108	107	105	103	102	100	98 & 97	95 93 & 92	90, 88 87 & 85
						- number -					
Jan	3,252	18,380	21,716	29,832	36,170	33,045	25,834	17,868	14,564	3,409	5,046
Feb	2,150	11,633	13,553	18,595	22,457	20,458	15,677	11,848	9,319	2,020	3,209
Mar	1,749	11,776	14,451	17,831	19,075	19,387	15,134	12,080	10,272	3,360	4,114
Total	7,151	41,789	49,720	66,258	77,702	72,890	56,645	41,796	34,155	8,789	12,369
	114-112	111-109	108-106	105-103	102-100	99-97	96-94	93-91	90-83	82	81
						- number -					
Apr	9,354	18,517	45,209	30,897	29,368	10,416	3,160	2,692	1,997	948	1,046
May	7,377	16,208	40,318	27,964	27,627	11,329	5,097	2,362	2,482	1,098	1,046
Jun	5,356	11,997	33,966	25,148	25,148	11,659	5,735	2,652	2,738	995	1,020
Jul	5,540	11,839	29,987	22,100	22,689	9,519	4,894	2,353	2,342	920	968
Aug	7,957	14,895	36,076	24,011	22,125	8,538	4,129	1,945	1,670	445	682
Sep	15,346	24,618	50,096	28,947	24,709	8,985	3,900	1,803	1,528	490	902
Oct	7,870	15,755	40,358	26,819	24,078	9,667	4,512	2,022	2,065	612	768
Nov	2,667	8,762	35,416	28,915	28,372	14,020	6,924	3,424	3,768	1,372	1,085
Dec	3,616	11,624	47,201	40,791	37,982	17,792	8,553	3,899	4,135	1,348	1,112
Total	65,083	134,215	358,627	255,592	242,098	101,925	46,904	23,152	22,725	8,228	8,629
1986	-	-	-	-	-	-	-	-	-	-	-
1985	-	-	-	-	-	-	-	-	-	-	-

Note:

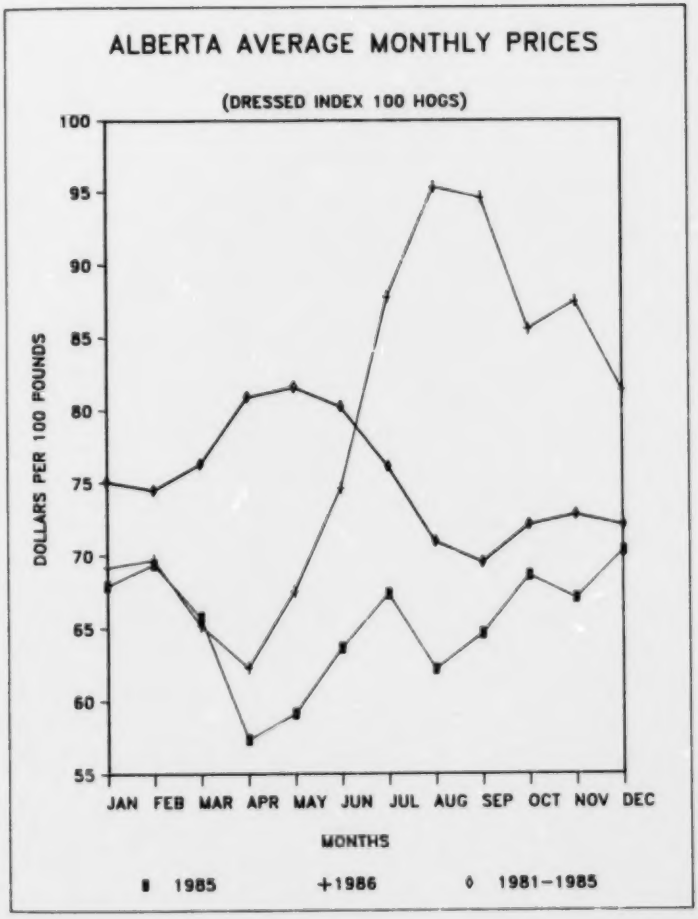
1. The data in this table have been split because of changes to the index value table instituted in April.
2. January and March data were obtained by difference and might therefore not tally with data from other sources. However, the first quarter totals are accurate.

Month	83, 82 80	Lights	Ridg-lings	Stags	Sows	Boars	Total Graded	Total Ungraded	Total
					- number -				
Jan	3,641	877	27	283	2,702	0	216,646	6,410	223,056
Feb	2,381	578	36	81	1,366	0	135,361	1,225	136,586
Mar	3,280	433	113	74	1,571	0	134,700	1,173	135,873
Total	9,302	1,888	176	438	5,639	0	486,707	8,808	495,515
	80	Ema-ciated	Ridg-lings	Stags	Sows	Boars	Total Graded	Total Ungraded	Grand Total
					- number -				
Apr	601	0	593	161	1,485	0	156,444	1,897	158,341
May	351	0	576	188	1,388	0	145,411	2,080	147,491
Jun	1,053	13	602	146	1,463	40	129,731	5,616	135,347
Jul	1,045	2	648	184	1,372	4	116,406	2,176	118,582
Aug	1,283	2	582	131	1,177	14	125,662	2,242	127,904
Sep	1,575	0	735	190	1,791	6	165,621	3,094	168,715
Oct	1,436	0	692	170	932	29	137,785	2,185	139,970
Nov	1,258	10	744	133	1,393	22	138,285	2,612	140,897
Dec	1,324	0	954	168	1,408	45	181,952	3,645	185,597
Total	9,926	27	6,126	1,471	12,409	160	1,297,297	25,547	1,322,844
1986	-	-	-	-	-	-	1,808,824	34,355	1,843,179
1985	-	-	-	-	-	-	1,864,149	15,013	1,879,162

3. 1986 graded and grand totals include 24,820 hogs marketed in Saskatchewan.
4. Beginning in April, ridglings include market weight boars. Previously boars were not included in the index grid.

Table 45
AVERAGE MONTHLY HOG PRICES, ALBERTA

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	- dollars per 100 pounds -												
	1985												
Index 100 Dressed	67.94	69.43	65.76	57.38	59.18	63.67	67.38	62.21	64.65	68.65	67.08	70.34	65.33
Sows Dressed	50.28	51.31	53.30	47.51	45.64	42.45	41.04	39.36	36.84	39.56	42.69	42.68	44.58
Sows Live	39.69	40.65	41.94	37.76	35.52	33.25	32.30	29.56	29.28	31.07	33.65	33.32	35.15
Boars Live	27.75	27.88	28.32	23.79	23.36	22.90	21.51	23.35	20.97	21.07	21.05	19.26	23.65
Feeders:													
30-40 lbs	24.85	20.83	23.88	24.56	25.68	27.22	23.78	22.87	22.59	22.29	25.59	32.19	24.43
40-50 lbs	31.29	30.54	32.80	33.54	29.33	38.98	30.07	30.64	29.53	36.21	40.34	46.89	35.42
50-75 lbs	43.80	41.09	36.85	37.00	37.23	45.32	40.97	40.75	37.02	43.19	46.77	54.25	42.76
75-100 lbs	51.30	49.41	45.04	41.00	40.91	52.25	54.24	49.88	49.95	57.21	59.40	68.04	52.19
100 lbs +	70.65	65.30	63.24	55.28	54.73	68.73	63.72	60.82	60.47	59.80	70.11	72.46	64.11
	1986												
Index 100 Dressed	69.22	69.76	65.18	62.32	67.59	74.71	87.36	95.35	94.62	85.55	87.45	81.33	77.88
Sows Dressed	42.41	43.59	42.91	41.69	43.73	49.80	57.33	64.37	70.26	62.01	61.83	57.66	52.39
Sows Live	33.81	34.02	34.05	32.92	33.28	37.80	44.40	48.62	54.93	49.31	49.06	43.55	46.31
Boars Live	16.88	19.37	21.18	21.43	25.47	26.63	26.45	37.17	43.80	37.90	34.99	42.01	32.04
Feeders:													
30-40 lbs	37.26	32.38	37.96	44.15	44.47	47.93	45.28	48.15	50.04	52.72	45.49	57.40	47.27
40-50 lbs	52.78	46.61	57.03	52.30	55.44	58.70	58.11	65.92	63.98	58.66	69.59	73.26	61.91
50-75 lbs	65.80	60.02	62.97	61.06	61.39	69.01	67.72	77.45	70.13	65.42	72.07	80.96	69.10
75-100 lbs	76.15	72.40	66.63	69.47	70.00	77.95	76.33	79.50	84.95	78.30	76.22	95.03	80.34
100 lbs +	85.78	82.26	82.43	74.58	86.00	83.83	86.42	92.31	111.00	99.19	96.07	109.56	91.40


ALBERTA AVERAGE MONTHLY PRICES
(DRESSED INDEX 100 HOGS)
DOLLARS PER 100 POUNDS
100
95
90
85
80
75
70
65
60
55
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
MONTHS
1985
+1986
1981–1985

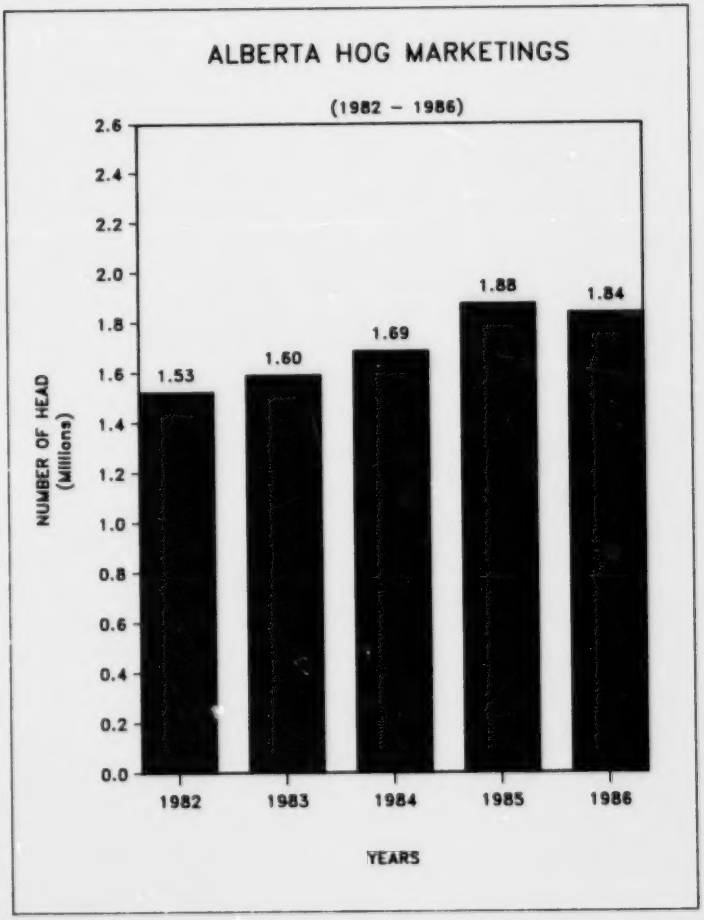

ALBERTA HOG MARKETINGS
(1982 – 1986)
NUMBER OF HEAD
(Millions)
2.6
2.4
2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
1.53
1.60
1.69
1.88
1.84
1982
1983
1984
1985
1986
YEARS

Table 46
SHEEP AND LAMBS ON FARMS, JULY 1

Census Division	One Year & Older		Under One Year		Total Sheep		
	1985	1986	1985	1986	1985	1986	1986 as % 1985
			- thousands -				%
1	1.8	2.1	1.8	1.9	3.6	4.0	111.1
2	14.2	14.7	14.4	14.3	28.6	29.0	101.4
3	18.5	17.5	19.1	17.0	37.6	34.5	91.8
4	0.5	0.4	0.4	0.4	0.9	0.8	88.9
5	3.1	2.9	3.2	2.6	6.3	5.5	87.3
6 & 9	8.7	9.8	8.8	9.4	17.5	19.2	109.7
7	1.5	1.6	1.5	1.6	3.0	3.2	106.7
8	9.9	8.4	8.6	8.1	18.5	16.5	89.2
10	6.5	7.1	6.2	6.8	12.7	13.9	109.5
11	6.7	6.6	6.1	6.3	12.8	12.9	100.8
12	1.7	1.6	1.4	1.4	3.1	3.0	96.8
13) 14)	9.6	9.5	8.5	9.2	18.1	18.7	103.3
15	6.6	5.5	6.7	5.3	13.3	10.8	81.2
Province	89.3	87.7	86.7	84.3	176.0	172.0	97.7

Table 47
AVERAGE MONTHLY SHEEP AND LAMB PRICES, EDMONTON

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	- dollars per 100 pounds -												
	1985												
Lambs													
A & B 80-100 lbs .	77.99	83.87	83.56	84.00	-	82.31	82.50	81.14	82.88	79.74	78.99	76.18	80.72
A & B -80 lbs . . .	-	-	-	-	-	80.75	-	-	-	-	-	85.00	83.96
C 50 lbs+	69.48	77.80	70.91	-	49.65	63.91	-	74.82	73.84	73.16	65.69	57.00	70.61
Feeders all wts . .	78.05	79.64	83.40	75.00	70.00	78.64	76.29	81.53	85.23	87.48	90.01	76.11	84.28
Sheep													
D1,2	41.53	46.24	35.71	-	30.94	38.25	30.21	38.73	41.16	41.13	47.87	35.30	40.29
	1986												
Lambs													
A & B 80-100 lbs .	75.46	79.86	81.86	86.06	-	88.33	82.25	81.36	79.67	75.53	76.74	91.50	80.13
A & B -80 lbs . . .	-	80.00	-	-	-	-	-	83.00	-	-	-	-	82.06
C 50 lbs+	56.76	59.51	-	-	75.00	76.52	76.50	74.33	76.00	70.72	76.19	75.50	72.44
Feeders all wts . .	83.60	82.46	88.00	87.00	90.00	85.98	90.79	95.84	86.18	88.55	91.54	97.35	89.14
Sheep													
D1,2	51.02	42.98	48.00	47.53	38.00	50.03	45.51	52.85	42.00	44.88	56.71	70.00	50.64

Table 48
SHEEP AND LAMB MARKETINGS

	1985			1986		
	Sheep	Lambs	Total	Sheep	Lambs	Total
		- number of head -			- number of head -	
January	88	4,162	4,250	107	5,348	5,455
February	141	6,779	6,920	1,314	5,009	6,323
March	255	6,883	7,138	477	7,953	8,430
April	646	2,993	3,639	563	4,348	4,911
May	528	3,988	4,516	329	4,128	4,457
June	600	6,940	7,540	710	6,445	7,155
July	484	5,183	5,667	276	5,118	5,394
August	633	4,822	5,455	206	4,447	4,653
September	497	2,396	2,893	631	7,405	8,036
October	282	2,089	2,371	180	4,194	4,374
November	186	1,410	1,596	353	4,622	4,975
December	167	1,164	1,331	266	4,873	5,139
Year	4,507	48,809	53,316	5,412	63,890	69,302

HORSES

The results of the 1986 census of agriculture revealed that over one-third of the 394,953 head of horses and ponies on Canadian farms were in this province. The census also revealed a 13.7 per cent increase in the horse and pony population on Alberta farms between 1981 and 1986, from 118,708 to 135,025.

Alberta continues to produce more registered horses than any other province. However, the production and sales of registered horses have declined annually since 1983. Estimated 1986 returns to producers from the sale of registered horses was $12.5 million. Exports of horse meat increased from about $14.9 million in 1983 to $27 million in 1986.

Pregnant Mare Urine (PMU) contracts, as recorded by Alberta Agriculture's horse industry branch, were reduced by 20 per cent in 1986 from 1985. There were an estimated 2,000 mares used for PMU production in 1986. Prices for the urine ranged between $10 and $14 per gallon depending on estrogen content.

Table 49
HORSE MEAT EXPORTS

Quantity

	1982	1983	1984	1985	1986
			- tonnes -		
Europe	2 612	3 190	4 938	4 696	7 030
Japan	2 662	2 148	1 709	2 380	3 388
U.S.A.	132	37	36	43	58
Other	-	6	-	-	-
Total	5 406	5 381	6 683	7 119	10 476

Value

	1982	1983	1984	1985	1986
			- $'000 -		
Europe	8,315	8,870	11,648	9,309	18,595
Japan	7,953	5,880	5,035	5,755	8,387
U.S.A.	302	86	18	68	62
Other	-	21	-	-	-
Total	16,570	14,857	16,701	15,132	27,045

Table 50
BRAND INSPECTION RECORD OF LIVE ALBERTA HORSE SHIPMENTS, BY DESTINATION

	Alberta	Other Provinces	Export	Total	Alberta	Other Provinces	Export	Total
		1985				1986		
		- number of head -				- number of head -		
Feeders								
Fillies	0	25	17	42	0	23	16	39
Geldings	26	751	346	1,123	31	702	339	1,072
Mares	32	510	142	684	16	365	196	577
Stallions	2	34	34	70	0	32	41	73
Colts	0	25	3	28	0	18	9	27
Total	60	1,345	542	1,947	47	1,140	601	1,788
Slaughter								
Fillies	284	0	0	284	440	0	0	440
Geldings	3,803	22	0	3,825	4,684	0	0	4,684
Mares	5,500	53	0	5,553	6,446	3	0	6,449
Stallions	1,246	0	0	1,246	1,308	0	9	1,317
Colts	161	3	0	164	163	0	17	180
Total	10,994	78	0	11,072	13,041	3	26	13,070
Replacement								
Fillies	0	11	4	15	0	13	9	22
Mares	0	297	9	306	0	28	20	48
Stallions	0	14	3	17	0	6	0	6
Colts	0	1	6	7	0	6	0	6
Total	0	323	22	345	0	53	29	82
All Classes	11,054	1,746	564	13,364	13,088	1,196	656	14,940

Table 51
REGISTRATIONS AND SALES OF REGISTERED HORSES IN ALBERTA

	Registrations by Breed Associations					Ownership Transfers				
	1982	1983	1984	1985	1986	1982	1983	1984	1985	1986
	- number of head -					- number of head -				
Arabian	699	860	771	756	577	625	768	729	630	629
Appaloosa	297	475	417	364	306	477	424	430	382	330
Morgan	178	128	237	193	184	193	186	221	199	203
Quarter Horse	4,826	5,023	4,939	3,853	4,005	6,080	6,210	6,031	5,588	4,789
Standardbred	442	516	496	353	271	N/A	N/A	N/A	N/A	N/A
Thoroughbred	737	799	690	770	797	N/A	N/A	N/A	N/A	N/A
Draft	361	324	351	304	267	444	294	398	360	302
Others	110	286	234	242	269	95	84	143	131	165
Total	7,914	8,566	8,261	7,126	6,405	-	-	-	-	-

N/A - Transfers not recorded by the Association

Table 52
LIVESTOCK ON FARMS, JULY 1*

Year	Milk Cows & Dairy Heifers	Beef Cows & Beef Heifers	Calves	All Cattle	Hogs	Sheep and Lambs
			- thousand head -			
1966	294.1	1,480.5	1,079.6	3,439.7	1,092.7	301.4
1967	272.0	1,518.0	1,035.0	3,393.0	1,262.0	260.0
1968	252.0	1,479.0	1,018.0	3,341.0	1,266.0	210.0
1969	232.0	1,478.0	989.0	3,286.0	1,187.0	180.0
1970	233.0	1,600.0	1,070.0	3,493.0	1,532.0	199.0
1971	223.6	1,721.3	1,157.3	3,702.1	1,739.1	244.9
1972	210.0	1,864.0	1,225.0	3,924.0	1,490.0	256.0
1973	205.0	2,031.0	1,319.0	4,201.0	1,499.0	241.0
1974	200.0	2,219.0	1,434.0	4,595.0	1,322.0	230.0
1975	193.0	2,242.0	1,458.0	4,689.0	873.0	209.0
1976	214.0	2,168.0	1,435.0	4,675.0	879.9	183.0
1977	210.0	2,078.0	1,315.0	4,350.0	944.3	146.5
1978	209.0	1,960.0	1,239.0	4,135.0	960.0	142.5
1979	215.0	1,925.0	1,205.0	4,080.0	1,130.0	153.5
1980	224.0	1,951.0	1,290.0	4,155.0	1,251.0	178.0
1981	220.5	1,936.0	1,300.0	4,153.0	1,185.0	198.0
1982	214.0	1,901.0	1,230.0	4,021.0	1,150.0	205.0
1983	207.0	1,830.0	1,170.0	3,845.0	1,250.0	197.0
1984	206.0	1,801.0	1,140.0	3,780.0	1,460.0	190.0
1985	201.0	1,670.0	1,080.0	3,510.0	1,460.0	176.0
1986	205.0	1,640.0	1,067.0	3,425.0	1,490.0	172.0

* Prior to 1975, estimates of livestock numbers were based on June 1 survey.

Table 53
PER CAPITA CONSUMPTION OF MEATS IN CANADA

Year	Beef	Veal	Mutton & Lamb	Pork	Offals	Canned Meats	Poultry
				- kilograms per year -			
1966	38.1	3.1	1.8	21.3	1.6	2.5	17.8
1967	37.7	3.2	1.9	24.7	1.8	2.8	18.5
1968	38.6	3.1	2.2	24.3	1.7	3.0	18.1
1969	38.8	2.3	2.3	23.3	1.7	3.4	20.0
1970	38.3	2.1	2.1	26.7	1.5	3.6	20.5
1971	40.2	2.0	1.5	29.5	2.0	*	19.7
1972	42.8	1.7	2.1	28.6	1.9	*	20.2
1973	42.0	1.5	1.6	26.9	1.8	*	20.9
1974	43.7	1.6	1.1	28.2	1.7	*	20.3
1975	48.5	2.4	1.3	24.1	1.7	*	19.0
1976	51.4	2.4	1.0	25.1	1.7	*	20.0
1977	48.8	2.3	0.8	25.1	1.6	*	20.7[1]
1978	45.7	1.8	0.9	26.0	1.9	*	21.3[1]
1979	39.9	1.4	1.1	29.0	1.4	*	22.8[1]
1980	39.5	1.4	0.8	31.3	1.9	*	22.8[1]
1981	40.7	1.6	0.7	30.1	1.4	*	22.6[1]
1982	40.4	1.7	0.7	27.8	1.3	*	22.7[1]
1983	40.0	1.7	0.8	28.6	1.4	*	22.9[1]
1984	38.3	1.8	0.9	27.9	1.5	*	23.6[1]
1985	38.8	1.8	0.8	28.5	1.7	*	25.1[1]
1986	39.2	1.9	1.0	27.7	1.7	*	25.7[1]

* Due to changes in source data, comparable information is not available.

[1] Does not include goose and duck.

DAIRY

There were an estimated 152,000 dairy cows on farms in Alberta at January 1, 1987. Prior to July 1, 1979 the definition of a cow was any animal over 24 months of age being kept for milk purposes over 24 months of age. This has since been changed to include all animals which have calved at least once, irrespective of age.

Milk production during 1986-87 amounted to 579,372,000 litres, an increase of 3.04 per cent over the previous year. The estimated farm value of milk production was 265 million dollars.

Creamery butter production totalled 7.4 million kilograms and cheddar cheese 6.8 million kilograms. Fluid milk sales decreased to 197.8 million litres from 211.8 million litres.

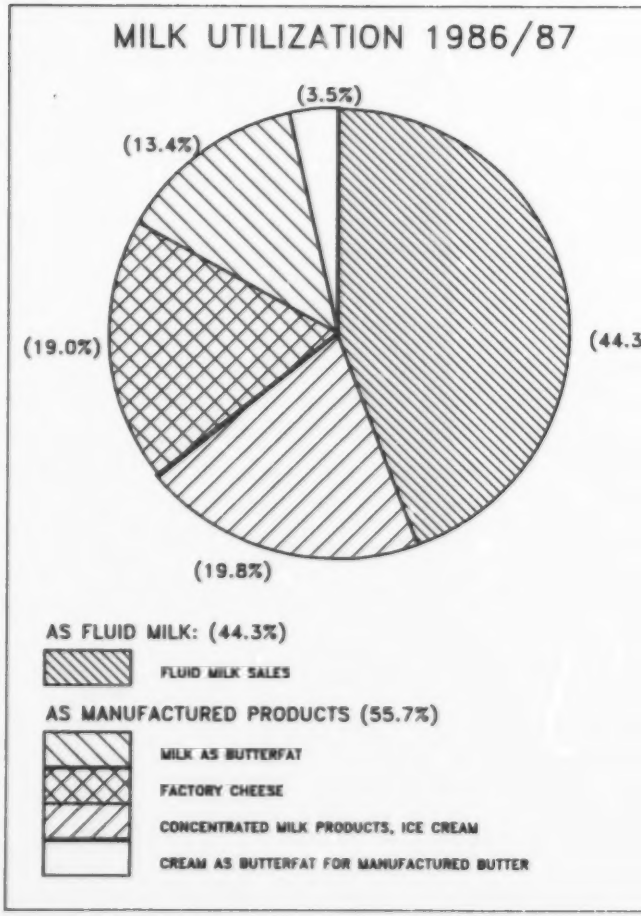


Table 54
DAIRY PRODUCER REGISTRATIONS

	Type of Producer			
	Fluid	Industrial	Cream	Total
1986	1,343	222	967	2,532
1987	1,320	220	863	2,403

Estimates at April 30th for 1986 and 1987

Table 55
FARM VALUE OF MILK PRODUCTION

	Year*	Production	Milk Equivalent	Total Milk	Price	Value
		'000 kg	'000 litres	%	$	$'000
Butterfat for Creamery Butter	1985-86	870	24 160	4.30	4.427/kg	3,852
	1986-87	787	28 485	3.88	4.622/kg	3,638
Milk Purchased for the Manufacture of Powder and Butter 1/	1985-86	3 696	102 556	18.24	38.49/hl	39,474
	1986-87	4 018	114 790	19.81	39.41/hl	45,239
Milk for Cheesemaking	1985-86		107 496	19.11	38.49/hl	41,365
	1986-87		110 212	19.02	39.41/hl	43,435
Milk for Concentrating and Milk and Butterfat for Ice Cream and Miscellaneous Products 2/	1985-86		49 731	8.84	40.29/hl	20,037
	1986-87		54 963	9.49	41.21/hl	22,650
Milk Purchased for Fluid Purposes	1985-86		256 588	45.64	50.62/hl	129,885
	1986-87		256 694	44.31	49.31/hl	126,576
Kept on Farms, Skimmilk for Creamery Butter	1985-86	783	21 744	3.87	17.56/hl	3,818
	1986-87	708	20 228	3.49	18.27/hl	3,696
Estimated Federal Subsidy	1985-86					18,784
	1986-87					19,852
Total	1985-86		562 248			257,215
	1986-87		579 372			265,086

* April - March

1 Includes milk used for the making of cottage cheese.

2 Does not include butterfat from creamery butter used in the manufacture of ice cream.

Table 56
PRODUCTION AND VALUE OF FACTORY DAIRY PRODUCTS

	Year*	Quantity	Price	Value
		'000	$	$'000
Creamery Butter (kilograms)	1985-86	6 372	5.320/kg	33,899
	1986-87	7 409	5.454/kg	40,408
Cheddar Cheese (kilograms)	1985-86	6 315	6.639/kg	41,925
	1986-87	6 822	6.746/kg	46,021
Variety Cheese (kilograms)	1985-86	5 220	5.554/kg	28,992
	1986-87	5 022	5.766/kg	28,957
Ice Cream[1] (litres)	1985-86	31 287	1.730/litre	54,127
	1986-87	31 108	1.850/litre	57,549
Fluid Milk Sales (litres)	1985-86	217 841	0.850/litre	185,165
	1986-87	215 084	0.790/litre	169,916
Fluid Cream Sales (litres)	1985-86	9 323	1.680/litre	15,663
	1986-87	9 520	1.570/litre	14,946
Fluid Skimmilk, Buttermilk and Chocolate Sales (litres)	1985-86	28 868	0.923/litre	26,645
	1986-87	32 385	0.862/litre	27,916
Miscellaneous Manufactured Products[2]	1985-86			108,697
	1986-87			122,189
Total	1985-86			495,113[r]
	1986-87			507,902

* April - March

[1] Includes hard and soft ice cream.

[2] Includes concentrated milk products, cottage cheese, whey cheese and yoghurt.

[r] Revised

Table 57
MILK AND CREAM PRODUCTION IN KG OF BUTTERFAT

	Fluid Milk[1]		Industrial Milk		Industrial Cream		Total	
	1984-85	1985-86	1984-85	1985-86	1984-85	1985-86	1984-85	1985-86
				- kilograms -				
August	1 607 008	1 538 149	138 843	127 161	122 859	99 698	1 868 710	1 765 008
September	1 489 560	1 444 086	128 965	112 217	95 177	80 985	1 713 702	1 637 288
October	1 484 350	1 440 817	128 210	108 290	86 314	67 608	1 698 874	1 616 715
November	1 430 116	1 394 295	122 550	102 301	69 595	50 344	1 622 261	1 546 940
December	1 518 326	1 482 791	128 618	110 213	58 855	48 389	1 705 799	1 641 393
January	1 544 265	1 549 113	132 262	112 967	62 561	50 155	1 739 088	1 712 235
February	1 411 456	1 420 577	122 786	103 545	57 211	45 868	1 591 453	1 569 990
March	1 569 014	1 608 575	132 151	119 872	65 815	54 263	1 766 980	1 782 710
April	1 514 970	1 611 385	127 115	121 544	80 874	69 671	1 722 959	1 802 600
May	1 584 979	1 710 321	134 963	132 044	93 890	82 329	1 813 832	1 924 694
June	1 561 991	1 718 065	133 947	136 711	96 474	93 242	1 792 412	1 948 018
July	1 563 095	1 714 996	127 404	136 069	101 563	93 200	1 792 062	1 944 265
Total	18 279 130	18 633 170	1 557 814	1 422 934	991 188	835 752	20 828 132	20 891 856

[1] All Fluid milk is not used for fluid milk sales.

POULTRY AND EGGS

Alberta's total inspected poultry meat output of 56 716 tonnes produced in 1986 is down slightly from the record output of 57 331 tonnes produced in 1985. Turkey output which makes up nearly 16 per cent of poultry meat production increased by 3.4 per cent whereas output of stewing hen and chicken decreased by 1.9 per cent on a year to year comparison.

The average monthly number of layers in the province increased only marginally in 1986 but total eggs produced increased by 3.8 per cent reflecting a general increase in overall production per bird. Total disposition of eggs for consumption and use by producers on farms increased by 1.5 million dozen. Eggs used by producers account for less than 5 per cent now.

The 1986 producer price for live chickens decreased by only 1.3 cents per kilogram as the average price in Edmonton for broilers under 2.3 kilograms averaged 111.4 cents per kilogram in 1986 compared to 112.7 cents per kilogram in 1985. Prices for roasters also decreased slightly to 125.5 cents per kilogram, down from 127.2 cents per kilogram. Turkey prices in 1986 averaged near or above 1985 prices with heavier birds discounted by 2.4 cents per kilogram over the lighter birds.

Egg prices received by producers in 1986 averaged below those for 1985. However, feed costs to poultry producers decreased due to substantially lower grain prices.

Chick production in 1986 was up slightly over 1985. Production for broiler birds increased slightly whereas production for egg laying birds decreased by 12.5 per cent. In fact broiler birds outnumber birds to be used for egg laying. Eggs set for turkey production decreased again in 1986.

Table 58
EGG PRICES TO PRODUCERS

	Grade AL	Grade AM	Grade AS	Grade B	Grade C
	- cents per dozen -				
	1985				
January	105	94	55	60	30
February	104	95	54	60	30
March	104	97	54	60	30
April	104	97	54	60	30
May	103	94	53	60	30
June	102	93	52	60	30
July	102	93	52	60	30
August	102	93	52	60	30
September	102	93	52	60	30
October	102	93	52	60	30
November	100	91	50	60	30
December	99	90	49	60	30
	1986				
January	99	90	49	60	30
February	100	91	50	60	30
March	101	92	51	60	30
April	101	92	51	60	30
May	100	91	50	60	30
June	100	91	50	60	30
July	100	91	50	60	30
August	100	91	50	60	30
Spetember	99	90	49	60	30
October	99	90	49	60	30
November	99	90	49	60	30
December	98	89	48	60	30

Note: Prices have been rounded to the nearest cent

Table 59
AVERAGE MONTHLY PRICES TO PRODUCERS OF LIVE CHICKENS AND TURKEYS, EDMONTON

	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	- cents per kilogram -												
1985													
Chickens:													
Broiler under 2.3 kg	117.5	114.5	113.8	112.2	110.0	110.0	112.5	114.0	112.8	112.0	112.0	112.0	112.7
Roaster 2.8 - 3.2 kg	132.0	129.0	128.3	126.8	124.5	124.5	127.0	128.5	127.3	126.5	126.5	126.5	127.2
Turkeys:													
5.4 kg and under	155.5	154.0	154.0	154.0	154.0	153.6	152.0	152.0	152.0	152.0	155.8	157.0	153.8
5.5 kg+ to 9.0 kg	156.0	154.0	154.0	154.0	154.0	153.6	152.0	152.0	152.0	152.0	154.2	155.0	153.6
9.0 kg and over	154.0	153.0	153.0	153.0	153.0	152.6	151.0	151.0	151.0	151.0	153.2	154.0	152.5
1986													
Chickens:													
Broiler under 2.3 kg	112.0	112.0	112.0	112.0	109.5	107.0	107.0	107.0	114.2	116.0	115.0	113.2	111.4
Roaster 2.8 - 3.2 kg	126.5	126.5	126.5	126.5	124.0	121.5	121.5	121.5	128.7	130.5	129.4	123.2	125.5
Turkeys:													
5.4 kg and under	157.0	157.0	157.0	157.0	157.0	156.0	152.0	152.0	152.0	152.0	152.0	155.0	154.7
5.5 kg+ to 9.0 kg	155.0	155.0	155.0	155.0	155.0	154.2	151.0	151.0	151.0	151.0	151.0	153.4	153.2
9.0 kg and over	154.0	154.0	154.0	154.0	154.0	153.2	150.0	150.0	150.0	150.0	150.0	152.4	152.2

Note: 1986 prices are Alberta averages

Table 60
HATCHERY CAPACITIES

	Breeder Hatcheries	Commercial Hatcheries	Total Hatchery Capacity
		- number -	
1981	0	16	6,250,004
1982	0	16	6,250,004
1983	0	15	6,587,144
1984	1	14	6,225,870
1985	1	14	6,225,870
1986	-	12	6,352,592

Table 61
CHICK PRODUCTION

For Egg Production Type*			For Broiler Production Type		
1985	1986	Change	1985	1986	Change
- number -		%	- number -		%
2,448,268	2,142,288	-12.5	34,416,738	34,646,894	+0.7

* Female chicks only

Table 62
CHICK DISPOSITION

	Hatch-ability	Hatched[1]	Not Sold[2]	Exported	Imported	Remaining In Province	Other[3]
				- number -			
1981	75.8	39,581,372	2,102,561	1,839,112	446,036	36,883,584	797,849
1982	77.4	40,085,522	2,254,319	1,421,022	516,585	37,339,266	412,500
1983	75.8	37,282,000	2,070,071	619,598	455,681	35,048,012	520,524
1984	77.2	39,954,421	2,231,314	772,414	389,000	37,859,628	519,935
1985	77.7	39,644,683	2,207,931	827,707	468,178	37,455,660	378,437
1986	77.0	40,571,570	2,577,269	1,083,440	455,770	37,356,631	355,292

[1] Includes both Leghorn and broiler chicks.
[2] The high number of chicks not sold is a result of Leghorn cockerels that are destroyed.
[3] Birds brought in from other provinces (not included in "Imports"). Includes started pullets

Table 63
TURKEY POULT PRODUCTION

	Eggs Set	Eggs Imported	Hatched	Hatch-ability	Imported	Exported	Poults On Farms	Other*
		- number -		%		- number -		
1981	2,244,185	614,151	1,444,563	64.4	-	223,230	1,514,267	292,934
1982	2,009,805	746,628	1,330,143	66.2	43,550	134,692	1,549,001	310,000
1983	2,066,000	976,600	1,377,871	66.7	64,654	135,107	1,598,000	290,582
1984	1,780,579	558,400	1,243,654	69.8	111,177	154,674	1,691,309	491,152
1985	1,632,917	396,874	1,165,266	71.4	178,143	201,550	1,662,614	520,755
1986	1,522,712	353,862	1,083,894	71.2	26,650	202,146	1,603,062	694,664

* Poults brought in from other provinces (not included in "Imports").

Table 64
POULTRY EVISCERATED IN REGISTERED STATIONS

	Chickens		Fowl	Ducks	Geese	Turkeys			
	Under 2 kg	Over 2 kg				Under 5 kg	5-8 kg	Over 8 kg	Total
					- '000 kg -				
1981	32 244	1 700	1 863	2.3	5.9	2 099	2 757	1 888	8 453
1982	34 409	2 501	2 059	-	6.0	1 914	3 487	3 203	8 724[1]
1983	33 317	2 003	1 836	0.4	7.1	1 784	3 605	3 185	8 671
1984	36 497	2 210	2 531	7.0	8.0	1 999	3 853	3 666	9 650[2]
1985	38 047	2 340	-	-	-	2 003	4 063	3 107	9 361[3]
1986	36 993	2 198	-	-	-	1 673	3 824	3 727	9 357[4]

1 Includes mature turkey (131 000 kg)
2 Includes mature turkey (164 000 kg)
3 Includes mature turkey (187 000 kg)
4 Includes mature turkey (133 000 kg)

Table 65
OUTPUT AND VALUE OF POULTRY MEATS

	Total Production		Consumed by Producers		Sold	
	Tonnes	Value $'000	Tonnes	Value $'000	Tonnes	Value $'000
			1985			
Stewing Hen & Chicken	48 604	73,796	801	885	47 803	72,911
Turkey	8 727	15,970	170	311	8 557	15,659
Total	57 331	89,766	971	1,196	56 360	88,570
			1986			
Stewing Hen & Chicken	47 692	70,262	771	848	46 921	69,414
Turkey	9 024	16,424	171	311	8 853	16,113
Total	56 716	86,686	942	1,159	55 774	85,527

Table 66
PRODUCTION, DISPOSITION AND VALUE OF EGGS

1985

	Production		Disposition					
			Sold[1]					
	Average Number of Layers	Production[1]	For Consumption	Value	For Hatching	Value	Producer use for Consumption	Value
	'000	'000 doz.	'000 doz.	$'000	'000 doz.	$'000	'000 doz.	$'000
January	2,314	3,699	3,222	3,116	300	837	177	175
February	2,351	3,336	2,840	2,743	336	937	160	159
March	2,291	3,629	3,006	2,916	445	1,242	178	176
April	2,262	3,491	2,854	2,720	465	1,297	172	168
May	2,318	3,707	3,139	2,948	392	1,094	176	169
June	2,289	3,601	3,086	2,867	345	963	170	162
July	2,272	3,672	3,168	2,940	328	915	176	167
August	2,274	3,612	3,116	2,904	320	893	176	167
September	2,283	3,592	3,119	2,932	303	845	170	162
October	2,288	3,569	3,081	2,847	312	870	176	167
November	2,279	3,300	2,820	2,569	311	868	169	158
December	2,310	3,659	3,165	2,830	320	893	174	160
Year	2,294[2]	42,867	36,616	34,332	4,177	11,654	2,074	1,990

[1] Includes exports.
[2] Weighted average of monthly estimates.

1986

	Production		Disposition					
			Sold[1]					
	Average Number of Layers	Production[1]	For Consumption	Value	For Hatching	Value	Producer use for Consumption	Value
	'000	'000 doz.	'000 doz.	$'000	'000 doz.	$'000	'000 doz.	$'000
January	2,349	3,817	3,309	3,011	335	935	173	159
February	2,368	3,311	2,817	2,594	335	935	159	147
March	2,357	3,765	3,113	2,889	472	1,317	180	168
April	2,336	3,611	2,992	2,777	445	1,242	174	163
May	2,324	3,817	3,246	2,986	392	1,094	179	167
June	2,308	3,712	3,216	2,930	323	901	173	160
July	2,300	3,785	3,281	3,005	325	907	179	165
August	2,295	3,789	3,276	3,014	334	932	179	166
September	2,266	3,731	3,228	2,942	330	921	173	160
October	2,223	3,766	3,228	2,954	359	1,002	179	166
November	2,215	3,527	3,009	2,714	345	963	173	159
December	2,240	3,860	3,371	3,000	311	868	178	161
Year	2,298[2]	44,491	38,086	34,821	4,306	12,017	2,099	1,941

[1] Includes exports.
[2] Weighted average of monthly estimates.

APICULTURE

In 1986 the estimated number of beehives in Alberta reached an all time record of 190,000 even though the number of beekeepers remained at 1,700, unchanged from 1985. Due to the record number of hives and an appreciable increase in honey yield per hive, the total honey crop rose by almost 30 per cent above the sub-average 1985 crop, to 10 886 tonnes.

The Peace River region continues as the area with the highest concentration of apiaries in all of Canada. In 1986 there were an estimated 240 active beekeepers in the region, with a total of 72,000 producing colonies between them. Honey production in the region amounted to 4 395 tonnes, or 13 per cent of the total Canadian honey crop.

The producer price of honey increased to $1.32 per kg, up $0.08 and $0.25 from the 1985 and 1984 levels. Estimated farm value of honey and beeswax produced in the province was just slightly below $15 million. Additionally, beekeepers received honey insurance payments exceeding $620,000 under the hail and crop insurance program.

Table 67
BEEKEEPERS AND COLONIES

	Beekeepers	Colonies	Hives Per Apiary
	- number -		
1977	1,800	165,000	92
1978	1,800	160,000	89
1979	1,700	150,000	88
1980	1,800	160,000	89
1981	1,700	170,000	100
1982	1,650	174,000	105
1983	1,610	172,000	107
1984	1,600	180,000	112
1985	1,700	170,000	100
1986	1,700	190,000	112

Table 68
HONEY PRODUCTION AND PRICE

	Yield Per Hive	Total Production	Price
	kg	tonnes	$/kg
1977	59	9 730	0.95
1978	57	9 072	1.12
1979	68	10 251	1.26
1980	64	10 306	1.28
1981	62	10 478	1.42
1982	47	8 210	1.37
1983	66	11 385	1.32
1984	70	12 542	1.07
1985	49	8 392	1.24
1986	57	10 886	1.32

Table 69
HONEY AND BEESWAX VALUE

	Honey	Honey and Wax
	- dollars -	
1977	9,224,000	9,712,000
1978	10,200,000	10,641,000
1979	12,882,000	13,368,000
1980	13,166,000	14,579,000
1981	14,934,000	15,339,000
1982	11,265,000	11,506,000
1983	15,029,000	15,300,000
1984	13,410,250	13,699,250
1985	10,415,500	10,664,900
1986	14,400,000	14,595,000

FUR FARMS

Table 70
FUR FARM LICENSES

	1984-85	1985-86
	- number -	
Mink Std. & Mut	7	8
Fox	24	22
Chinchilla	20	20
Other	4	2
Total	55	52

Table 71
ANIMALS RETAINED FOR BREEDING

	No. of Animals		Total Value	
	1984-85	1985-86	1984-85	1985-86
			- dollars -	
Mink Std. & Mut.	29,178	24,098	1,050,408	771,136
Chinchilla	(information not available)			
Fox	1,635	1,810	189,660	271,500
Other	25	31	10,000	18,600
Total	31,138	25,939	1,250,068	1,061,236

Table 72
ANIMALS PELTED

	Mink Pelts Produced	Mink Pelts Value
		-dollars-
1978-79	51,219	2,286,928
1979-80	49,389	2,388,452
1980-81	33,270	1,164,450
1981-82	34,117	1,023,510
1982-83	37,119	1,113,570
1983-84	40,817	1,616,353
1984-85	28,119	1,012,284
1985-86	30,855	987,360

Table 73
ANIMALS EXPORTED

	No. of Animals		Total Value	
	1984-85	1985-86	1984-85	1985-86
			- dollars -	
Mink Std. & Mut.	28,119	30,855	1,012,284	987,360
Chinchilla	(information not available)			
Fox	634	617	88,760	92,550
Total	28,753	31,472	1,101,044	1,079,910

AGRICULTURAL EXPORTS

OUT OF PROVINCE SHIPMENTS

The estimated value of out-of-province shipments for 1986 was $2,931 million which represented a 21.6 per cent decline over the $3,122 million 1985 estimate. (figures exclude fertilizer).

Grains and oilseeds accounted for 40 per cent of the total value of shipments, a decrease from the 46 per cent estimate of 1985. Meat and animal products accounted for 33 per cent of the value of shipments while live animals made up a further 9 per cent of the total. Meats, animal products and live animals together represented 47 per cent of the value of shipments, an 8 per cent increase over 1984.

Highlights

The value of out-of-country exports of primary and processed agricultural products in 1986 was $1,663 million or 57 per cent of out-of-province shipments. This represented a decline over 1985 which saw out-of-country exports of $1,753 million or 56 per cent of out-of-province shipments.

The corresponding out-of-country export value for Canadian exports was $9,042 million, a 4 per cent decline over the previous year's value of $9,569 million. Alberta accounted for approximately 18 per cent of total Canadian agricultural exports, about the same as in 1985.

Wheat exports, valued at $589 million continue to be the major agricultural export earner for the province accounting for over 35 per cent of export revenues. This is a significant decline over 1985 which saw wheat exports valued at $822 million or over 47 per cent of total export value.

Canola and canola products accounted for $268 million or 16.4 per cent of export earnings. This was a substantial increase from $225 million or 14.5 per cent of export earnings in 1985.

Alberta barley exports represented over 15 per cent of agricultural exports contributing almost $248 million dollars to export earnings. This represented a twofold increase over 1985 levels even though barley prices declined significantly during the year.

Lower world prices for grains and oilseeds during the year rather than dwindling markets, was the major factor limiting export earnings from these crops.

Live animal exports from Alberta (principally cattle & hogs) were over $115 million. This was below the 1984 record value of $138 million, but above the $106 million for 1985. Shipments of live hogs and cattle to the U.S.A. continued to be responsible for this higher than average value.

Meats and meat preparations showed a substantial increase over the previous year. In 1985, the value of meats and meat preparations exported was $143 million or 8 per cent of total export earnings. In 1986, this value increased to over $175 million or almost 11 per cent of total export earnings. Together, live animals, meats and meat preparations contributed $296 million to export earnings. This represented a 6 per cent increase over the $250 million total for the previous year.

Canola oil showed a decline in export value in 1986 largely because of depressed prices. The 1986 figure for exports was $72 million compared with $114 million in 1985, a 37 per cent decrease in export value. Canola meal showed a slight increase in value in 1986 to over $30 million from the previous year's $29 million.

Honey exports were $5 million in 1986, down from $6.5 million in 1985 and $8.5 million in 1984.

Other important Alberta agricultural exports in

1986 were cattle hides, whiskey, malt, peat moss, tallow, forage seeds, semen and embryos.

TRADING PARTNER ANALYSIS

In 1986, Alberta's most important export markets were the U.S.A., Japan, U.S.S.R., People's Republic of China, Cuba, India and East Germany. These seven nations purchased an estimated 72 per cent of Alberta's agricultural exports. If we add in purchases by South Korea, Taiwan, Brazil and the United Kingdom, all of whom purchased in excess of $30 million, the estimated purchases of all Alberta agricultural exports exceeds 80 per cent of total.

U.S.A.

The U.S.A. was the major market for Alberta agricultural exports in 1986. Although Japan was approximately of the same importance in dollar value, the U.S.A. purchases a wider variety of agricultural and processed products from the province. The majority of the value of Japanese purchases come from grains and oilseeds.

Exports to the U.S.A. were over $372 million in 1986, up substantially from $346 million in 1985. Increases in shipments of livestock, meat and animal products were largely responsible for the increase in export value.

Cattle exports were largely responsible for the 10 per cent increase in live animal exports in 1986. With the countervailing duty applied to hogs, swine exports to the U.S.A. declined in 1986. However, pork exports increased to more than offset the decline in live hogs. Meat and meat preparations, at $120 million, were 13 per cent above 1985 levels and remained the largest export category to the U.S.A.

Other agricultural commodities that enjoyed success in the U.S. market in 1986 were forage seeds, cattle hides, peat moss, honey, whiskey, canola oil and canola meal.

Low global grain prices in 1986 accentuated the importance of the U.S. market in that the declines due to low grain prices were not in evidence in the U.S. market. Continued growth in exports from Alberta to the U.S. illustrate the degree to which Alberta products are being accepted in the North American market.

JAPAN

Japan imported over $359 million of food and agricultural products from Alberta, down almost 6 per cent from 1985. Both barley and canola values declined largely because of the depressed prices for these commodities in 1986. However, Japanese imports of Alberta wheat increased to $69 million from 35 million in 1985 despite lower world wheat prices. Canola, still the largest single agricultural import from the province, declined by almost 25 per cent to $148 million. Barley also declined by almost 25 per cent to $39 million.

Japan continues to be a reliable market for canola products, dehydrated alfalfa, barley malt, hides and meats.

U.S.S.R.

The U.S.S.R. regained her status as Alberta's third largest export market in 1986 largely because of increased imports of barley. Alberta exports of barley to the U.S.S.R. increased to over $77 million in 1986 from a low of $8 million in 1985, an almost ten fold increase, despite lower barley prices in 1986. Wheat export values declined to $161 million from $197 million the previous year due to price declines. Because of the increased barley purchases, U.S.S.R. imports of Alberta agricultural products totalled over $238 million in 1986, a 16 per cent increase over 1985.

PEOPLE'S REPUBLIC OF CHINA

Alberta's exports of agricultural commodities to the People's Republic of China decreased from $221 million in 1985 to $96 million in 1986, largely due to declines in wheat shipments in combination with decreased wheat prices. The value of shipments of wheat from Alberta to the People's Republic of China went from $213 million in 1985 to $79 million in 1986 or a 63 per cent decline. Of a positive nature, China re-entered the barley market and purchased over $12 million in 1986.

China is expected to increase her purchases of grains in 1987 but volumes may continue to be quite sporadic in the future because she is near self sufficiency in grain production and imports will depend on domestic growing conditions as well as government policy.

CUBA

Cuba continues to be a reliable purchaser of substantial amounts of prairie wheat. In 1986, the value of wheat imports increased by 40 per cent despite decreases in price. Cuba also imports small amounts of barley.

INDIA

India continues to be a dependable purchaser of large volumes of canola oil. Because of substantial price declines in 1986, the export value for canola oil shipped to India from Alberta declined by 28 per cent to $44 million.

EAST GERMANY

The value of barley shipments to East Germany from Alberta in 1986 was $40 million, a 60 per cent increase over 1985 despite lower barley prices. Wheat exports to East Germany declined in 1986.

EEC AND OTHER WESTERN EUROPE

Exports to Western Europe increased by 44 per cent in 1986 to $126 million, mainly due to increases in the sales of wheat and barley. Exports to this region represented approximately 7.5 per cent of the Alberta total.

EASTERN EUROPE (excluding U.S.S.R. and East Germany)

Exports to Eastern European nations other than the U.S.S.R. and East Germany were over $20 million in 1986, up from $12 million a year earlier. This region accounts for approximately 1 per cent of Alberta's exports.

MIDDLE EAST (excluding African Nations)

Exports from Alberta to the Middle East increased by 30 per cent in 1986 to over $74 million, mainly on the strength of increased barley sales to Saudi Arabia and wheat sales to Iraq.

AFRICA

Alberta exports to Africa declined by 55 per cent in 1986 to 54 million dollars. The decrease was due mainly to lower export volumes and prices for wheat, especially to Egypt and Algeria.

ASIA - PACIFIC (excluding Japan, PRC, and India)

Exports to countries in this region were estimated to be $110 million, a 50 per cent increase over 1985. Wheat exports to South Korea and hides to Taiwan were largely responsible for the increase.

SOUTH AMERICA

Exports from Alberta to South American nations decreased to $52 million in 1986 from $91 million a year earlier. Reduced grain sales to Brazil and lower prices were responsible for much of the decrease.

CENTRAL AMERICA AND THE CARIBBEAN (excluding Cuba)

Exports to this region declined to $23 million

in 1986 from $28 million in 1985. Decreases were due in part to smaller sales of canola oil to Mexico.

SUMMARY

In 1986, Alberta agricultural exports to the U.S.A. increased significantly making the U.S.A. the province's most important export market in terms of dollar value. In addition, the U.S.A. also accepts the widest variety of agricultural products from the province. Consequently, exports do not suffer from the variability that is more evident with exports to countries such as the Soviet Union, Japan and China whose imports tend to vary considerably depending on supplies and prices of grains and oilseeds.

COMMODITY ANALYSIS

The five major commodities or commodity groups, accounting for about 77 per cent of Alberta's agricultural export sales were wheat (35 per cent), barley (15 per cent), meats (10 per cent), canola (10 per cent) and live animals (7 per cent).

WHEAT

Wheat accounted for one-third of the value of exports originating in the province, down from almost one-half the value in 1985. The major customers for Alberta wheat were the U.S.S.R., People's Republic of China, Japan, Cuba, Brazil, Iraq and the United Kingdom. In 1986, China decreased her imports of wheat substantially, consequently, the Soviet Union once again became the provinces' most important market for wheat, accounting for almost 30 per cent ($161 million) of our wheat exports. China accounted for a further 13 per cent ($79 million) while Japan accounted for almost 12 per cent ($69 million) of Alberta's wheat exports. Other major customers in 1986 were Cuba (8 per cent), Brazil (5 per cent), Iraq (4 per cent) and the United Kingdom (4 per cent).

In 1986 it is estimated that 3.3 million tonnes were exported from the province for a total value of $589 million.

BARLEY

In 1986, the U.S.S.R. increased its level of barley purchases to a more normal level. With purchases valued at over $77 million, U.S.S.R. imports of Alberta barley increased ten-fold over the previous calendar year. East Germany also purchased substantially increased amounts of Alberta barley as did Saudi Arabia and the People's Republic of China. In total, imports of Alberta barley were almost $250 million compared to $123 million for the previous year. The quantity comparison shows an even greater increase for 1986. Over 2.6 million tonnes were exported this year versus 861 thousand tonnes in 1985.

CANOLA

Japan is the dominant purchaser of Alberta canola. In 1986, export volumes were at 1985 levels (550 thousand tonnes). However, because of the depressed global situation for oilseeds, the export value to Japan was down even though volumes remained steady. Japan, with purchases amounting to $148 million, accounted for 90 per cent of Alberta's canola exports. Mexico accounted for almost 7 per cent of the provinces canola exports and the Netherlands for a further 2.5 per cent.

CANOLA OIL AND MEAL

Exports of canola products in 1986 amounted to $102 million, down by almost 30 per cent over 1985. India accounted for over 43 per cent of the value of canola product shipments. Japan accounted for almost 13 per cent, mainly due to canola meal imports and the U.S.A. accounted for a further 16 per cent.

LIVESTOCK, MEAT AND ANIMAL PRODUCTS

The U.S.A. continued to be the dominant market for live animals and meats in 1986. Ninety-nine per

cent of live animal exports and 74 per cent of meat exports were to the U.S.A. While beef and pork exports went largely to the U.S.A. with smaller amounts to Japan, horsemeat exports went largely to Europe and Japan with a minor amount going to the U.S.A.

The total value of exports of these commodities in 1986 was $336 million or over 16 per cent above 1985 levels.

REGIONAL ANALYSIS

In 1986, Asia imported $610 million or 37 per cent of the total provincial agricultural exports. The bulk of these purchases were grains, oilseeds and related products.

North America (U.S.A., Greenland, St. Pierre-Miq.) imported $369 million or 22 per cent, much of it livestock and meat related.

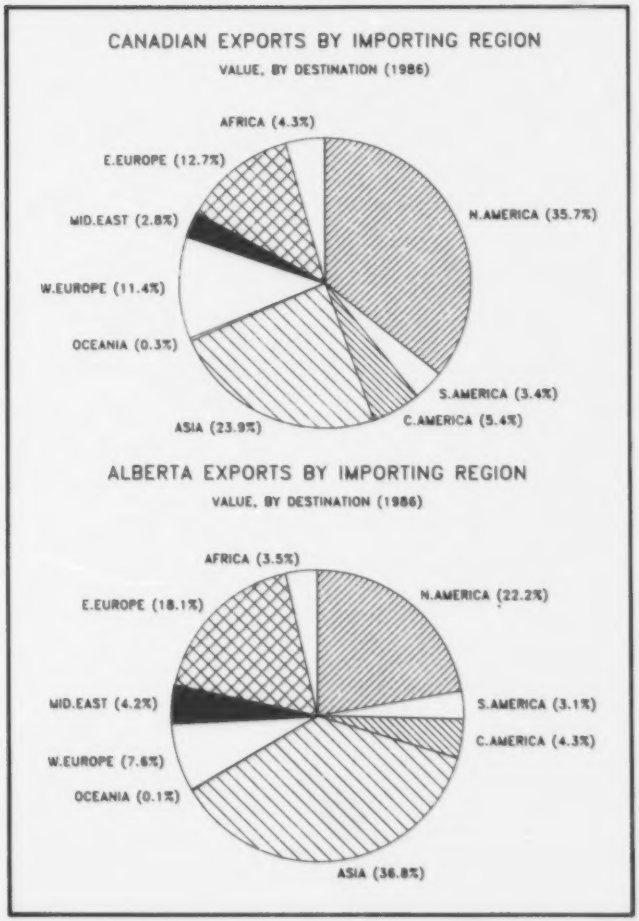
Eastern Europe was the third largest importing region for Alberta agricultural commodities with purchases of $300 million or 18 per cent. The majority of these exports were accounted for by wheat and barley exports to the U.S.S.R. and East Germany.

Africa imported $43 million or 3 per cent, consisting mainly of wheat and wheat flour.

Exports to South America accounted for 3 per cent or $52 million and were mainly wheat and canola oil.

Exports to Western Europe accounted for $126 million or 8 per cent, consisting mainly of wheat, barley and meat.

The Middle East and Central America purchased $74 million (4.5%) and $72 million (4.3%) respectively. These purchases consisted mainly of wheat and barley to the Middle East and wheat and oilseeds and canola oil to Central America.



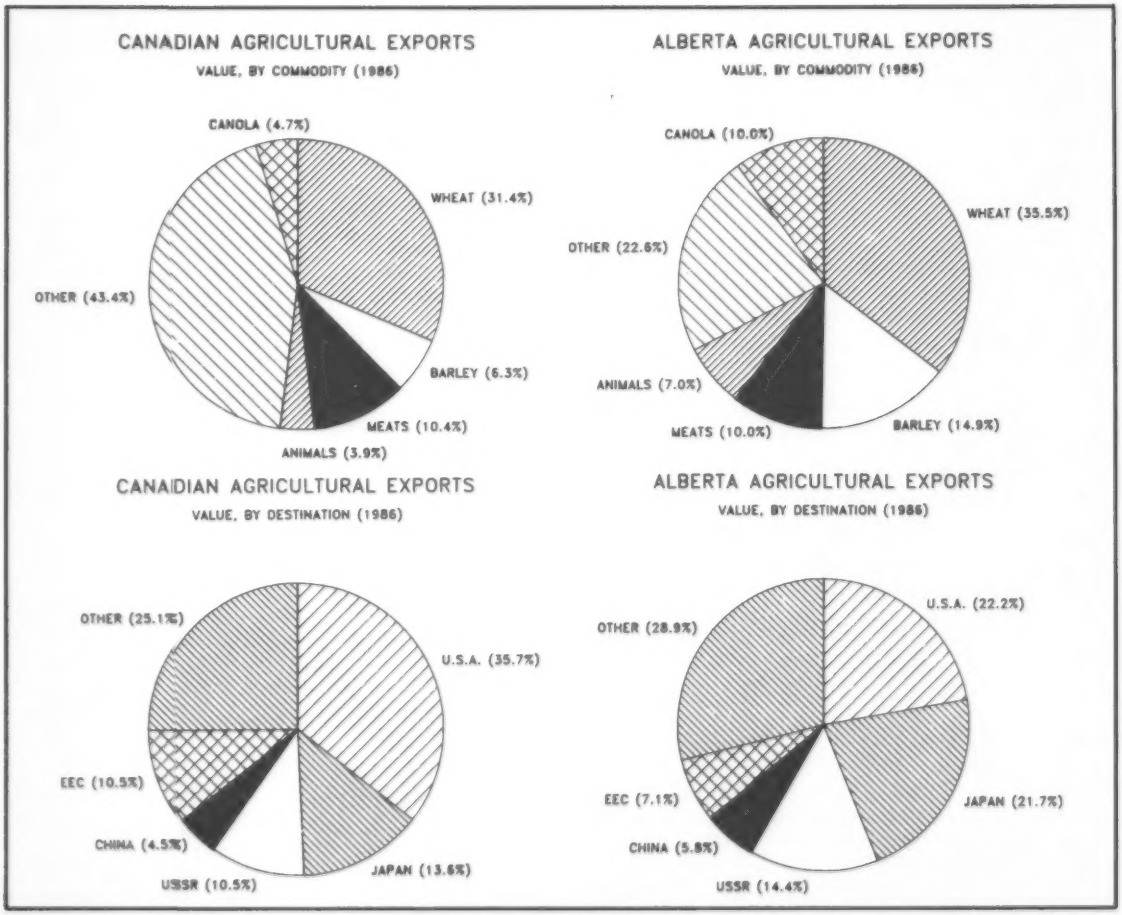

CANADIAN AGRICULTURAL EXPORTS
VALUE, BY COMMODITY (1986)
CANOLA (4.7%)
WHEAT (31.4%)
OTHER (43.4%)
BARLEY (6.3%)
MEATS (10.4%)
ANIMALS (3.9%)
ALBERTA AGRICULTURAL EXPORTS
VALUE, BY COMMODITY (1986)
CANOLA (10.0%)
WHEAT (35.5%)
OTHER (22.6%)
ANIMALS (7.0%)
MEATS (10.0%)
BARLEY (14.9%)
CANADIAN AGRICULTURAL EXPORTS
VALUE, BY DESTINATION (1986)
OTHER (25.1%)
U.S.A. (35.7%)
EEC (10.5%)
CHINA (4.5%)
USSR (10.5%)
JAPAN (13.6%)
ALBERTA AGRICULTURAL EXPORTS
VALUE, BY DESTINATION (1986)
U.S.A. (22.2%)
OTHER (28.9%)
EEC (7.1%)
JAPAN (21.7%)
CHINA (5.8%)
USSR (14.4%)

Table 74
ESTIMATES OF OUT-OF-PROVINCE SHIPMENTS

Commodity	Quantity		Value	
	1985	1986	1985	1986
	- '000 tonnes -		- $'000 -	
Wheat	4 457	3 716	919,501	644,964
Oats	136	165	21,673	17,100
Barley	1 738	3 192	248,584	307,165
Rye	44	42	5,154	4,766
Flaxseed	18	26	6,345	7,035
Canola	642	678	232,462	180,597
Mustard Seed	14	21	4,488	8,573
Forage Seeds	7	13	7,649	24,216
Potatoes	10	10	2,805	2,938
Alfalfa, dehydrated	182	130	27,300	19,775
Honey	6	10	6,500	14,456
Wheat Flour	88[r]	97	40,063	38,706
Malt and Malt Flour	71[r]	88	32,104	24,742
Canola Oil Cake and Meal	409[r]	346	52,350	61,169
Canola Oil	280[r]	249	243,955	124,139
Other Crops and Crop Products	30	47	9,742	17,653
Beef and Veal	264	250	642,095	822,026
Pork	39	44	106,751	107,000
Other Meats	9	13	19,856	36,744
Other Animal Products	n/a	n/a	138,994	154,495
Cattle (Number)	362,985	351,464	256,914	247,401
Swine (Number)	366,579	140,000	51,123	23,065
Other Live Animals	n/a	n/a	6,602	6,529
Peat Moss	63	64	10,400	15,750
Whiskey	n/a	n/a	28,219	25,573
TOTAL			3,121,629	2,936,577

[r] revised

Table 75
EXPORT ESTIMATES - ALL COUNTRIES

	Alberta		Western Canada		Canada	
	1985	1986	1985	1986	1985	1986
			- thousands of dollars -			
Live Animals	106,068	118,965	252,727	204,218	467,887	349,626
Meat, Fresh, Chilled or Frozen	138,923	166,037	278,709	324,852	791,389	940,932
Other Meat and Meat Preparations	4,496	9,371	19,428	28,817	43,675	58,355
Dairy Produce, Eggs and Honey	6,655	5,072	34,183	28,428	264,457	231,777
Barley	123,228	247,698	310,269	568,378	319,245	568,378
Wheat	821,649	588,734	3,604,054	2,758,718	3,778,603	2,835,810
Other Cereals, Unmilled	8,515	18,138	50,240	56,414	118,689	129,950
Hard Spring Wheat Flour	10,683	9,740	18,647	18,718	84,824	69,615
Other Cereals, Milled	32,107	24,817	67,805	36,053	99,470	62,573
Cereal Preparations	1,204	2,072	7,715	9,229	145,419	172,643
Fruit and Fruit Preparations	196	409	61,036	71,884	102,840	135,901
Vegetables and Vegetable Preparations	6,383	15,157	72,422	106,768	316,481	377,210
Sugar and Sugar Preparations	93	239	4,815	4,891	185,654	256,395
Other Foods and Materials for Foods	2,069	1,484	11,816	11,485	247,646	301,128
Oilseed Cake and Meal	29,528	30,532	35,257	50,372	40,347	58,417
Other Feeds of Vegetable Origin	21,625	23,363	66,748	79,673	109,622	128,919
Other Fodder and Feeds	2,679	2,869	33,373	52,730	83,965	105,119
Whiskey	28,219	25,572	43,249	41,232	352,038	322,046
Other Beverages	486	568	3,213	13,305	187,275	217,458
Tobacco	0	4	580	1,110	107,457	138,815
Raw Hides and Skins	36,978	67,288	80,732	138,236	164,427	217,825
Fur Skins Undressed	261	452	8,883	5,451	108,659	101,177
Other Crude Animal Products	2,803	1,660	5,197	4,485	53,054	53,233
Seeds for Sowing	7,877	19,228	22,551	45,424	30,528	55,263
Flaxseed	7,705	7,035	218,896	196,507	218,896	196,507
Canola	203,579	165,679	530,961	422,333	543,603	422,333
Other Oilseeds, Oil Nuts and Oil Kernels	5,183	9,365	35,775	29,848	84,990	99,983
Other Crude Vegetable Products	3,443	14,061	26,685	28,073	158,998	190,871
Oils, Fats, Waxes, Extracts and Derivatives	139,873	86,962	252,390	157,270	359,332	244,129
TOTAL	1,752,508	1,662,571	6,158,356	5,494,904	9,569,470	9,042,388

CENSUS AND COMPARATIVE DATA

Table 76
CENSUS DATA

		1971	1976*	1981*	1986*
Total Population	no.	1,627,874	1,838,037	2,237,724	2,375,278
Number of Farms	no.	62,702	61,130	58,056	57,777
Average Size of Farm	ac.	790	817	813	883
Average Value of Agricultural Products Sold per Farm	$	13,273	n/a	56,236	77,433
Farm Classification:					
Under 10 Acres	%	1.4	1.2	1.5	1.8
10 - 69 Acres	%	4.0	5.8	5.8	5.8
70 - 239 Acres	%	16.9	18.9	21.4	21.8
240 - 399 Acres	%	20.1	17.8	16.2	15.1
400 - 559 Acres	%	14.6	13.0	11.8	10.8
560 - 759 Acres	%	13.1	11.9	11.0	10.6
760 - 1,119 Acres	%	13.5	13.4	13.1	12.7
1,120 - 1,599 Acres	%	7.7	8.2	8.6	8.9
1,600 - 2,239 Acres	%	4.0	4.3	4.9	5.4
2,240 - 2,879 Acres	%	1.7	2.0	2.1	2.6
2,880 Acres and Over	%	3.0	3.5	3.6	4.4
Farm Operated by:					
Owner	%	59.3	60.4	58.3	52.4
Tenant	%	6.7	6.3	6.3	7.0
Owner-Tenant	%	34.9	33.3	35.5	40.6

		1971	1976*	1981*	1986*
Age of Farm Operators:					
Under 25 Years	%	2.5	3.6	3.5	2.6
25 - 34 Years	%	14.2	16.3	17.9	17.1
35 - 44 Years	%	24.1	24.0	23.5	22.9
45 - 54 Years	%	28.6	27.1	26.0	24.1
55 - 59 Years	%	11.5	11.3	11.3	11.8
60 - 64 Years	%	9.1	8.5	8.7	9.8
65 - 69 Years	%	5.8	5.0	5.2	6.1
70 Years and Over	%	4.2	4.2	3.9	5.6
Average Age of Farm Operator	yrs.	49	47	46	48
Occupied Farm Land	'000 ac.	49,506	49,929	47,218	51,040
Improved Farm Land	'000 ac.	28,460	29,302	30,951	31,892
Field Crops	'000 ac.	18,092	18,877	20,859	22,641
Wheat Total	'000 ac.	3,443	5,545	6,705	7,602
(Durum)	'000 ac.	(242)	(n/a)	(506)	(639)
Oats for Grain	'000 ac.	1,864	1,794	1,311	1,183
Barley for Grain	'000 ac.	5,689	5,630	6,433	5,568
Mixed Grain	'000 ac.	419	268	145	122
Fall Rye	'000 ac.	226	)	241	169
Spring Rye	'000 ac.	24	) 181	52	45
Flaxseed	'000 ac.	271	73	102	85
Canola/Rapeseed	'000 ac.	1,988	740	1,455	2,803
Tame Hay	'000 ac.	3,260	3,850	3,481	3,734
Sugar Beets	'000 ac.	43	42	36	30
Improved Pasture	'000 ac.	2,745	3,278	3,908	3,402
Summerfallow	'000 ac.	7,009	6,494	5,450	5,256
Other Improved Land	'000 ac.	614	653	734	592
Unimproved Land	'000 ac.	21,046	20,627	16,267	19,149

		1971	1976*	1981*	1986*
Livestock and Poultry:					
Cattle and Calves	'000 head	3,702	4,614	4,193	3,827
Pigs	'000 head	1,816	878	1,199	1,455
Sheep	'000 head	245	189	201	179
Horses	'000 head	89	90	119	135
Hens and Chickens	'000 head	7,923	7,981	9,190	8,852
Turkeys	'000 head	896	822	903	763
Farm Machinery:					
Tractors	no.	111,256	118,987	124,214	150,479
Grain Combines	no.	42,373	42,984	42,663	42,970
Swathers	no.	40,749	44,227	47,601	49,144
Motor Trucks	no.	93,471	112,836	123,835	146,309
Farm Capital:					
Land and Building	$'000	3,530,252	10,627,528	29,961,159	20,773,520
Machinery and Equipment	$'000	867,446	2,110,053	4,362,215	5,382,302
Livestock and Poultry	$'000	803,855	1,124,065	2,503,766	2,467,592
Total Capital Value	$'000	5,201,553	13,861,646	36,827,140	28,623,414
Average Per Farm	$'000	83	227	634	495

* The 1976, 1981 and 1986 census-farm definition differs from that used in previous censuses. To help users relate to previous censuses, the data in this report represents "all agricultural holdings".

n/a - not available

Table 77
COMPARATIVE STATISTICS

		Alberta	Alberta as Per Cent of Prairie Provinces	Alberta as Per Cent of Canada
CENSUS STATISTICS 1986				
Total Population	no.	2,375,278	53.3	9.4
Number of Farms	no.	57,777	38.9	19.7
Total Land Area	ac.	157,710,720	36.3	6.9
Occupied Farm Land	ac.	51,040,463	37.6	30.5
Per Cent of Total Land Occupied	%	32.4	-	-
Improved Land	ac.	31,891,516	33.7	28.1
Unimproved Land	ac.	19,148,947	46.6	35.5
CROP AREA 1986				
Winter Wheat	ac.	450,000	33.3	22.8
Spring Wheat	ac.	6,450,000	22.8	22.6
Durum Wheat	ac.	600,000	12.9	12.9
All Wheat	ac.	7,500,000	21.9	21.3
Oats for Grain	ac.	1,500,000	47.5	39.0
Barley for Grain	ac.	5,700,000	51.5	46.6
All Rye	ac.	250,000	33.1	29.7
Mixed Grains	ac.	160,000	40.0	13.8
Flaxseed	ac.	90,000	4.5	4.5
Canola/Rapeseed	ac.	2,950,000	43.5	43.0
Corn for Grain	ac.	9,000	15.3	2.4
Peas,dry	ac.	26,000	8.5	8.5
Lentils	ac.	6,000	1.8	1.8
Mustard Seed	ac.	62,000	55.2	13.6
Tame Hay	ac.	4,000,000	55.1	29.4
Fodder Corn	ac.	25,000	38.5	3.1
Sugar Beets	ac.	28,400	51.1	51.1
Potatoes	ac.	23,000	33.7	8.0
Summerfallow	ac.	4,500,000	23.5	23.5

		Alberta	Alberta as Per Cent of Prairie Provinces	Alberta as Per Cent of Canada
LIVESTOCK ON FARMS, JULY 1, 1986				
Bulls	no.	78,000	53.8	34.1
Milk Cows and Heifers	no.	205,000	49.3	8.7
Beef Cows and Heifers	no.	1,385,000	51.7	38.0
Heifers for Slaughter	no.	255,000	65.7	40.6
Steers	no.	435,000	60.0	34.3
Calves	no.	1,067,000	50.0	31.9
Total Cattle and Calves	no.	3,425,000	52.8	29.9
Hogs - Breeding Stock 6 Months and Over	no.	160,500	44.5	13.9
All Other Pigs	no.	1,329,500	44.3	13.9
Total Hogs	no.	1,490,000	44.4	13.9
Sheep One Year and Over	no.	87,700	65.4	22.0
Lambs Under One Year	no.	84,300	66.9	26.1
Total Sheep and Lambs	no.	172,000	66.2	23.8

Table 78
CANADIAN — METRIC CONVERSIONS

AREA		
1 hectare	2.47109	acres
	0.00368	square mile
1 square kilometre	0.36810	square mile
1 acre	0.40468	hectare
1 square mile (640 acres)	259	hectares
	2.59	square kilometres
1 arpent	0.871	acre
WEIGHT		
1 kilogram	2.2046	pounds
1 tonne (1 000 kg)	2204.622	pounds
	22.046	short hundred-weights
	19.684	long hundred-weights
	1.10231	short tons
	0.98420	long ton
1 pound	0.45359	kilogram
1 short hundredweight (100 lb.)	0.045359	tonne
1 long hundredweight (112 lb.)	0.050802	tonne
1 short ton (2,000 lb.)	0.90718	tonne
1 long ton (2,240 lb.)	1.01605	tonne

Table 79
WEIGHT EQUIVALENTS OF SELECTED COMMODITIES

Wheat		
1 bushel	0.027216	tonne
1 tonne	36.744	bushels
Oats		
1 bushel	0.015422	tonne
1 tonne	64.842	bushels
Barley		
1 bushel	0.021773	tonne
1 tonne	45.930	bushels
Rye, Flaxseed and Corn		
1 bushel	0.0254	tonne
1 tonne	39.368	bushels
Canola/Rapeseed		
1 bushel	0.02268	tonne
1 tonne	44.092	bushels
Mixed Grain		
1 bushel	0.020412	tonne
1 tonne	48.992	bushels

Table 80
PRINCIPAL FIELD CROPS IN METRICS

Census Division	Area		Yield Per Hectare		Production	
	1985	1986	1985	1986	1985	1986
	- hectares -		- tonnes -		- tonnes -	
			ALL WHEAT			
1	286 000	291 000	1.10	2.18	314 000	636 000
2	399 000	413 000	1.81	2.57	722 000	1 062 000
3	162 000	163 000	0.90	2.34	145 000	379 000
4	267 000	257 000	1.05	1.71	279 000	438 000
5	466 000	478 000	1.52	2.82	709 000	1 343 000
6 & 9	130 000	145 000	1.44	3.13	187 000	454 000
7	430 000	420 000	1.77	2.45	763 000	1 025 000
8	33 000	42 000	2.09	3.43	69 000	144 000
10	352 000	354 000	2.07	2.53	728 000	892 000
11	56 000	59 000	2.91	3.00	163 000	177 000
12	47 000	46 000	2.04	2.13	96 000	98 000
13) 14)	33 000	38 500	2.33	2.69	77 000	101 000
15	395 000	329 000	1.50	1.83	592 000	599 000
Province	3 056 000	3 035 000	1.59	2.43	4 844 000	7 348 000
			OATS FOR GRAIN			
1	4 000	8 000	1.25	2.08	5 000	16 000
2	10 000	13 000	2.10	2.61	21 000	34 000
3	6 000	25 000	0.67	2.04	4 000	51 000
4	27 000	31 000	1.15	2.03	31 000	63 000
5	16 000	20 000	1.50	3.05	24 000	61 000
6 & 9	18 000	51 000	1.61	3.14	29 000	160 000

Census Division	Area		Yield Per Hectare		Production	
	1985	1986	1985	1986	1985	1986
	- hectares -		- tonnes -		- tonnes -	
		OATS FOR GRAIN (cont'd.)				
7	70 000	76 000	1.90	2.90	133 000	219 000
8	34 000	42 000	2.15	3.10	73 000	130 000
10	80 000	96 000	1.91	2.92	153 000	280 000
11	66 000	65 000	2.52	3.23	166 000	210 000
12	65 000	64 000	2.09	2.58	136 000	165 000
13) 14)	53 000	57 000	2.59	2.98	137 000	170 000
15	37 000	59 000	1.62	2.32	60 000	137 000
Province	486 000	607 000	2.00	2.80	972 000	1 696 000
		BARLEY FOR GRAIN				
1	13 000	17 000	1.69	2.94	22 000	50 000
2	115 000	119 000	2.66	3.56	306 000	424 000
3	91 000	162 000	0.82	2.78	75 000	450 000
4	22 000	28 000	1.45	2.57	32 000	72 000
5	156 000	178 000	1.85	3.58	288 000	637 000
6 & 9	204 000	220 000	1.68	3.78	342 000	834 000
7	132 000	133 000	2.28	3.38	301 000	450 000
8	234 000	242 000	2.27	3.57	531 000	865 000
10	276 000	261 000	2.36	3.44	652 000	898 000
11	226 000	226 000	3.39	3.54	765 000	800 000
12	97 000	106 000	2.39	2.88	232 000	306 000
13) 14)	208 000	208 000	2.98	3.20	619 000	665 000
15	351 000	405 000	1.72	2.45	603 000	995 000
Province	2 125 000	2 307 000	2.24	3.23	4 768 000	7 446 000

A.R.A.	Area		Yield Per Hectare		Production	
	1985	1986	1985	1986	1985	1986
	- hectares -		- tonnes -		- tonnes -	
			F L A X S E E D			
1	3 700	3 500	0.78	1.57	2 900	5 500
2	15 900	17 300	0.92	1.55	14 500	26 800
3	1 900	2 400	0.53	1.13	1 000	2 700
4A	3 500	4 200	1.03	1.43	3 600	6 000
4B	1 600	1 900	0.81	1.21	1 300	2 300
5	600	700	1.17	1.57	700	1 100
6	1 100	1 300	1.18	1.23	1 300	1 600
7	4 100	5 100	0.63	0.94	2 600	4 800
Province	32 400	36 400	0.86	1.40	27 900	50 800
			C A N O L A / R A P E S E E D			
1	7 000	8 100	1.04	1.70	7 300	13 800
2	91 700	79 100	1.08	1.75	98 600	138 400
3	69 300	59 700	0.73	1.52	50 400	90 500
4A	178 700	178 000	1.17	1.55	209 400	276 200
4B	235 600	249 100	1.19	1.41	281 200	352 300
5	153 700	174 300	1.28	1.50	196 900	261 000
6	120 600	131 200	1.33	1.25	160 300	163 800
7	276 400	314 500	0.88	1.15	242 900	360 000
Province	1 113 000	1 194 000	1.10	1.39	1 247 000	1 656 000

A.R.A.	Area		Yield Per Hectare		Production	
	1985	1986	1985	1986	1985	1986
	- hectares -		- tonnes -		- tonnes -	
			ALL RYE			
1	11 800	17 500	0.89	1.58	10 500	27 700
2	30 600	34 800	1.30	2.49	39 900	86 800
3	21 600	24 300	1.51	2.78	32 500	67 600
4A	15 900	14 600	1.56	1.96	24 900	28 600
4B	1 100	1 200	1.45	2.17	1 600	2 600
5	5 700	5 900	1.90	2.93	10 800	17 300
6	700	800	1.57	2.25	1 100	1 800
7	1 800	2 100	1.72	1.81	3 100	3 800
Province	89 200	101 200	1.39	2.33	124 400	236 200
			TAME HAY			
1	63 700	58 900	2.73	4.34	174 200	255 800
2	125 100	128 900	4.82	6.91	603 400	890 900
3	167 500	165 600	1.59	5.09	266 200	843 700
4A	67 300	70 500	2.63	3.73	176 800	263 200
4B	93 500	94 900	2.96	4.43	277 000	420 500
5	374 700	371 400	3.02	5.64	1 132 700	2 094 300
6	405 000	401 900	3.58	4.48	1 448 700	1 801 400
7	281 200	326 500	1.95	4.05	547 800	1 323 200
Province	1 578 000	1 618 800	2.93	4.88	4 627 000	7 893 000
			OTHER CROPS			
Winter Wheat	161 900	182 000	1.12	2.66	204 000	484 000
Durum Wheat	222 600	243 000	1.00	2.15	223 000	523 000
Mixed Grains	64 800	64 800	2.21	3.14	143 000	204 000
Fall Rye	68 800	85 000	1.44	2.45	99 000	208 000
Spring Rye	20 200	16 200	1.26	1.72	25 400	27 900
Corn for Grain	6 500	3 600	5.48	6.06	35 600	21 800
Peas, dry	7 700	10 500	1.95	2.36	15 000	24 800
Lentils	1 200	2 400	0.58	0.96	700	2 300
Mustard Seed	22 300	25 100	0.61	1.17	13 600	28 363
Potatoes	8 100	9 100	25.76	26.89	208 600	245 000
Sugar Beets	-	11 500	-	51.74	-	595 000
Fodder Corn	10 900	10 100	35.78	44.95	390 000	454 000

SOURCES AND METHODS

The general procedure used in preparing this yearbook has remained similar since 1972. A large percentage of the material presented for the current year was based on estimates derived from sample data. Users are reminded that the data is subject to revision.

INCOME

Farm income data on a provincial basis are derived by Alberta Agriculture in conjunction with Statistics Canada.

Farm wages are obtained from Statistics Canada's publication 21-202.

Food and Beverage statistics were obtained from Statistics Canada catalogue 31-203 and personal communications with Statistics Canada staff.

The Edmonton Food Price Index and Alberta average farm input prices were developed from data collected and assembled by Alberta Agriculture. Further information is available through the Statistics Branch, Alberta Agriculture.

CROPS

Total production value includes all crops grown on farms in the current year for sale, feed, seed and home consumption at the prevailing market prices during the crop year. The method of disposal of these crops for various uses in the current or subsequent years may have very little effect on the total value. Production value for each crop represents value to the producer.

Prices used to calculate value of production are those which farmers receive at the shipping point less freight, handling and other marketing charges. Transportation costs incurred by farmers themselves in delivering grain to elevators are included with farm expenses. The estimated final prices are subject to revision after all relevant sales and payments are made.

Major crop areas are estimated by Statistics Canada in cooperation with Alberta Agriculture. Minor crops, such as sugar beets and mustard seed are estimated through contacts with dealers, processors, and Alberta Agriculture field staff. Estimates are for seeded acres in most cases, and yields are reported on the land devoted to the crop at seeding time except oats and barley which are based on harvested areas. The November estimates (Statistics Canada 22-002) contain the latest area and yield estimates.

Statistics Canada, Agriculture/Natural Resources Division developed yields of major crops through surveys.

Hail and crop insurance data were obtained from Alberta Hail and Crop Insurance Corporation. Wheat Board Payments are reported by the Canadian Wheat Board. Lakehead selling prices are recorded by the Canadian Grain Commission. Non-Board prices for the major centres in the province are those developed through the Alberta Feed and Forage Exchange.

Forage seed data are from Plant Production Division, Agriculture Canada.

Dry bean statistics were provided by the Pulse Growers Association of Alberta.

Fertilizer sales volumes were provided by Canadian Fertilizer Institute Association.

LIVESTOCK

Market and quality data for cattle, hogs and sheep are obtained from the Agriculture Canada publication "Canadian Livestock and Meat Trade Report" and Canfax publications. Prices pertain to

stockyard sales and direct sales.

Data on insemination and brand inspection were obtained from Animal Industry Division, Alberta Agriculture.

Dairy statistics are obtained from the Dairy Division, Alberta Agriculture.

Monthly poultry prices are the average of recorded weekly prices from Agriculture Canada. Production values for eggs were ob-tained from Statistics Canada, publication 23-202 and the Poultry Branch, Alberta Agriculture. Data on hatchery capacity, chick production and disposition, poult production and poultry eviscerated in registered stations were supplied by Poultry Branch, Alberta Agriculture.

EXPORTS

Out-of-province shipments, as used in this year-book, includes shipments to other provinces as well as out-of-country exports. The primary sources of data for out-of-country exports were Statistics Canada Catalogues 65-003 (Exports by Countries) and 65-004 (Exports by Commodities) supplemented with provincial level information from the Alberta Bureau of Statistics and other Statistics Canada publica-tions. In addition, the information necessary to adjust Statistics Canada data to estimate Alberta exports was gathered from many sources within Alberta Agriculture, other government departments and industry.

OTHER PRODUCTS

Alberta Agriculture in cooperation with Statistics Canada produce honey estimates.

Fur data are obtained from the Animal Health Division.